

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

Harrisburg



1977

**ANNUAL REPORT ON MINING, OIL AND GAS, AND
LAND RECLAMATION AND CONSERVATION ACTIVITIES**



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LAND RECLAMATION AND CONSERVATION ACTIVITIES

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COMMONWEALTH OF PENNSYLVANIA



DEPARTMENT OF ENVIRONMENTAL RESOURCES

P. O. BOX 1467

HARRISBURG, PENNSYLVANIA 17120

The Secretary

June 30, 1978

The Honorable Milton J. Shapp
Governor
Commonwealth of Pennsylvania
Harrisburg, Pennsylvania 17120

Dear Governor Shapp:

It is with extreme pleasure that the Department of Environmental Resources herewith submits the 1977 Annual Report on Mining, Oil & Gas and Land Reclamation and Conservation Activities.

The information on anthracite and bituminous coal is in compliance with the Pennsylvania Anthracite Coal Mining Act (November 10, 1965, P.L. 346) as amended and the Pennsylvania Bituminous Coal Mine Act (July 17, 1961, P.L. 659) as amended.

The record of accomplishments in mineral production reflect that our organizational approach and program structure is providing the Commonwealth with efficient and effective management.

This edition represents the 108th Consecutive Annual Report Concerning Anthracite and Bituminous Coal Mining Activities, and includes, as well, data on oil and gas and pits and quarries within the Commonwealth.

Sincerely yours,

A handwritten signature in cursive script, reading "Maurice K. Goddard".

MAURICE K. GODDARD

OFFICE OF ENVIRONMENTAL PROTECTION
HIGHLIGHTS OF ACCOMPLISHMENTS - 1977

FOREWORD


1977 showed a continuing growth of bituminous strip mine coal production. Production was 46,605,297 tons compared to 40,242,401 tons in 1976. This increase of 6,362,896 tons, continues a growth trend in surface mining since 1969.

The anthracite strip mine coal production dropped very slightly from the previous year. The production in 1977 was only 61,136 tons less than 1976. The combined bituminous and anthracite production reflects a net gain of 6,301,760 tons for 1977.

Much emphasis continues to be placed on the safety aspects of strip mining. Despite all the energies exerted toward safety, four fatalities occurred, three in the bituminous field and one in the anthracite field. This represents one fatality for each 12,375,569 tons of coal mined by the strip mining method.

In view of the increased production trends to provide low cost energy and the present budget problems of the Department there is much concern regarding the ability of the Department to maintain a high level of environmental protection.

The provisions of the Federal Mining Control Act of 1977 will impact greatly, however, on the present Departmental funding and resource capability. The anticipated Federal funding is expected to enable the Department to maintain or exceed our high level of environmental protection and safety.


WILLIAM B. MIDDENDORF
Deputy Secretary for
Environmental Protection

COMMONWEALTH of PENNSYLVANIA



DEPARTMENT OF ENVIRONMENTAL RESOURCES

OFFICE OF DEEP MINE SAFETY

Fulton Bank Building

PO Box 2063

Harrisburg, Pennsylvania 17120

June 26, 1978

Honorable Maurice K. Goddard, Secretary
Department of Environmental Resources
Commonwealth of Pennsylvania
Room 202, Evangelical Press Building
Harrisburg, PA 17120

Dear Secretary Goddard:

The Office of Deep Mine Safety herein transmits a brief activities report for 1977 as required by the Anthracite and Bituminous Coal Mine Acts.

In the Anthracite region, deep mine production totaled a half million tons, or a 3% reduction from the previous year. Tragedy struck the Kocher Coal Company at Tower City where nine miners lost their lives. There were two additional unrelated fatal accidents in the region that accounted for an increase of 1000% for the industry. Significantly, there was also a preponderance of non-fatal accidents over 1976 (from 55 to 323), a 205% climb in work-related injuries.

In the Bituminous coal region, our deep mine safety effort showed improvement with a 36.8% reduction in fatal accidents, down from nineteen to a total of twelve. However, while deep production fell 12% to an adjusted 38,760,548 tons, non-fatal accidents rose at the same time to a total of 2712, up 507 over the prior year, an increase of 23%. Additionally, considerable resources in personnel and money were used to fight two large underground mine fires that halted production for extended periods (one mine was down for a year) at two of the Commonwealth's largest mines.

I would be remiss if I did not point out that I believe the burden of responsibility for sound mine safety in our coal mines lies within the realm of firm supervision and training of mine employees. We are continuing our programs in the areas of pre-employment orientation training, emergency medical technician instruction, and mine rescue training. Nonetheless, mine management and mine labor must ultimately assume the primary role in mine safety achievement.

Respectfully,

A handwritten signature in cursive script, reading "Walter J. Vicinelly".

Walter J. Vicinelly
Commissioner

WJV/jcu

OFFICE OF ENVIRONMENTAL PROTECTION
HIGHLIGHTS OF ACCOMPLISHMENTS - 1977

BUREAU OF SURFACE MINE RECLAMATION

Regulatory control of all surface mining activities continues under applicable State statutes. In addition, the Federal Surface Mining Control Act of 1977, P.L. 95-87, has been implemented in Pennsylvania. The Bureau of Surface Mine Reclamation is enforcing the Federal interim performance standards which emphasize reclamation, sedimentation control, minimizing hydrologic impacts, and control of blasting practices.

In 1977 more than 1,200 mine drainage permits were issued to more than 1,000 licensed operators. Mine Inspectors conducted more than 5,400 inspections and 1,700 investigations of complaints and problem areas.

Training courses were conducted on 14 separate occasions for training and certification of blasters, 290 persons were licensed of a total of 372 examinees.

A plan is being developed for application to the U. S. Office of Surface Mining to obtain delegation of authority for the administration and enforcement of P.L. 95-87. We hope to have primacy by 1980.

BUREAU OF LAND PROTECTION

Shortages of personnel caused by limited funding of Land Protection programs seriously affected the rate of progress in all of the Bureau's programs during 1977.

Solid Waste Management

A great deal of time and effort was spent monitoring the development of federal regulations for solid waste management under the Federal Resource Conservation and Recovery Act. The Division staff participated in a number of state, interstate and national committee and task force activities concerning RCRA requirements. A great deal of staff time was also devoted to managing the clean up work following the Johnstown Flood in July.

The Division's new sewage sludge regulations were implemented during the year and staff continued to work with the Pennsylvania State University in its project demonstrating revegetation of abandoned surface mine lands using sewage sludge.

Mine Subsidence Insurance

Subsidence insurance policies in force passed the 10,000 mark and \$273,000 in claims were paid during the year.

Oil and Gas

The increase in drilling activity noted during the past few years continued during 1977. 2,754 new drilling permits were issued which is a 26% increase over 1976. Staff shortages in the Oil and Gas Division have seriously curtailed our field inspection activity, our ability to respond to complaints and have sometimes resulted in delays in processing permit applications.

Mine Subsidence Regulation

More than 1,000 subsidence information reports were furnished to citizens requesting data on past mining conditions that could affect the construction of homes, commercial and industrial buildings. 14 proposed public school building sites were evaluated for subsidence potential for local school districts.

The Division continued to monitor the activities of all operating underground bituminous mines to assure compliance with the subsidence law.

BUREAU OF OCCUPATIONAL HEALTH

The Department's Bureau of Occupational Health continued its mission to prevent occupational diseases among workers who remain under the jurisdiction of the Commonwealth program. These include state and local governmental employees and workers in mines and quarries other than coal. Priority areas established in 1974 continued with emphasis still on employee complaints; prevention of deaths and accidents in water and waste water treatment confined spaces; and controlling silica dust, noise and other hazards in quarries.

The majority of employee complaints received this year were transmitted through State union representatives. Types of complaints most frequently encountered were inadequate ventilation and excessive heat or cold.

The Bureau of Occupational Health has continued its detailed evaluation of noise and dust exposures in the Pennsylvania non-coal mining industry. To date, 3,600 workers in this industry have had their exposures evaluated; and 36% were found to be working in a condition which, if continued, would lead to either noise induced hearing loss or a lung disease produced by the dust. Fifty-four percent of the workers found to have had a hazardous exposure have had conditions improved to an acceptable level. This is a higher than expected successful correction of exposures as some of the necessary engineering controls require six months to a year to complete. During 1977, 832 workers had their exposures evaluated and 21% were found to be working in a hazardous situation. Practically all of these workers should have their exposures corrected to an acceptable level during 1978.

In the confined spaces program, there were no reported deaths and only one accident during the year. All municipal sewage and water treatment facilities on record in the State have been contacted. The development and implementation of safe procedures in the line with Department regulations is proceeding in all cases and is 62% complete statewide.



Commissioner Walter J. Vicinelly directing rescue operations at scene of disaster at Kocher Coal Company, March 1, 1977.



First group of rescue workers to enter mine. Kocher Coal Company disaster.



Kocher Coal Company, Porter Tunnel Mine. Main entrance to Mine.
Courtesy of MESA



Kocher Coal Company. Rescue efforts in progress after March 1, 1977, mine disaster.
Courtesy of MESA



Kocher Coal Company, Porter Tunnel Mine. Installation of sensitive devices to determine living movement in the Mine.
Courtesy of MESA



Porter Tunnel Mine. Fallen timber and a conveyor drive unit overturned by the force of the flood waters.

Courtesy of MESA



Kocher Coal Company. Rescue workers in conveyor gangway.

Courtesy of MESA



Kocher Coal Company, Porter Tunnel Mine. Hole drilled in Mine to effect removal of survivor. Courtesy of MESA

BUREAU OF LAND PROTECTION
Division of Solid Waste Management

These photographs show the successful application of municipal sewage sludge to a strip mine spoil bank that had been recontoured without topsoil replacement.



General view of Venango County demonstration site in May, 1977, after lime and dewatered sludge were applied and incorporated. Broadcast seeding of legume species.



Aerial view of demonstration site in June, 1977, after lime and sludge application and seeding and mulching were completed.



Aerial view of demonstration site in October, 1977. Note lush vegetation growth.



Vegetation growth on the area which received 82 dry tons/acre of dewatered sludge. (September 22, 1977).

BUREAU OF LAND PROTECTION
Division of Mine Subsidence Insurance



Damage done by mine subsidence in area northwest of Wilkes-Barre showing damages to basement and furnace.



Basement damage due to mine subsidence in Swoyerville area home.

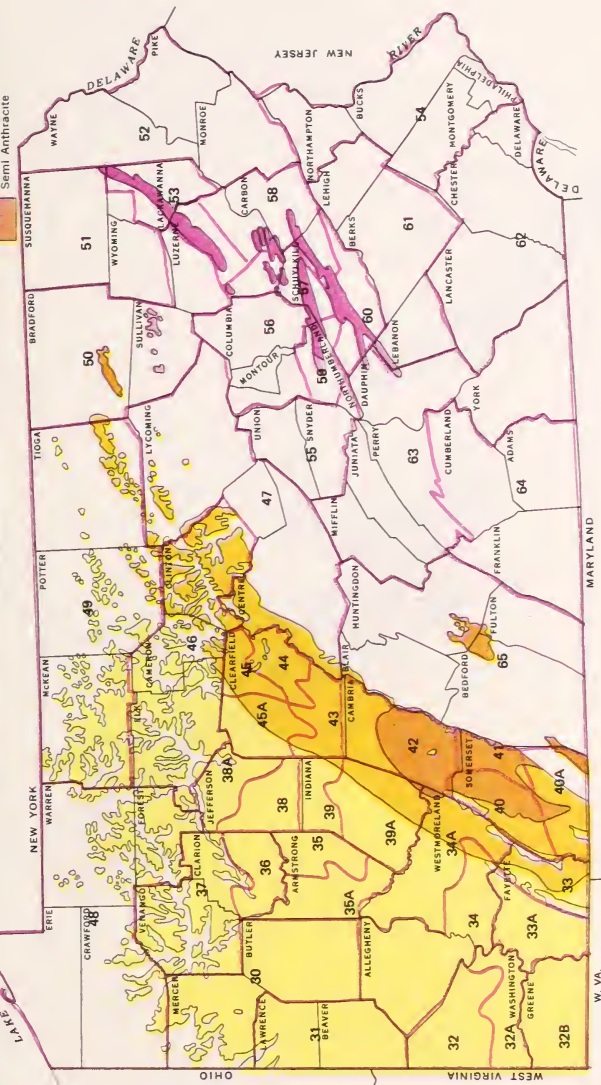
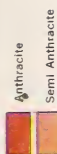
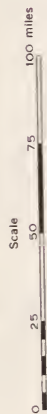
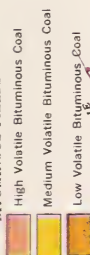


Scenes of mine subsidence on October 26, 1977, in the 800 block of Church Street , Jessup, Lackawanna County, Pennsylvania.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SURFACE MINE RECLAMATION

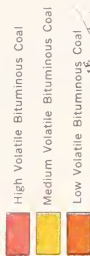
DISTRIBUTION OF PENNSYLVANIA COALS
SURFACE MINE INSPECTION DISTRICTS

BITUMINOUS FIELDS



30	Merle Grey	41	John More	54	Paul Serfas	61	Thomas Ruoff
31	Herbert Strum	42	James Wise	55	Gordon J. Jodi	62	Edward Wilson
32(A)	Timothy VanDyke	43	Charles Hicks	56	George Thomas	63	Spencer Arnold
33	James King	44	Wayne Morrison	57	James Leber	64	L. Paul Loney
33(A)	Fred Ullahay	45	Wayne Morrison	58	Walter Dietele	65	Henry Shadwick
		46	Gary Tunburlin	59	Joseph W. Wiltmer		
		47	Bryce Putman	60	Robert Wiltmer		
		48	Henry Thomas				
		49	Harry Poole				
		50	Howard Murphy				
		51	James Gaughan				
		52	William Sanders				
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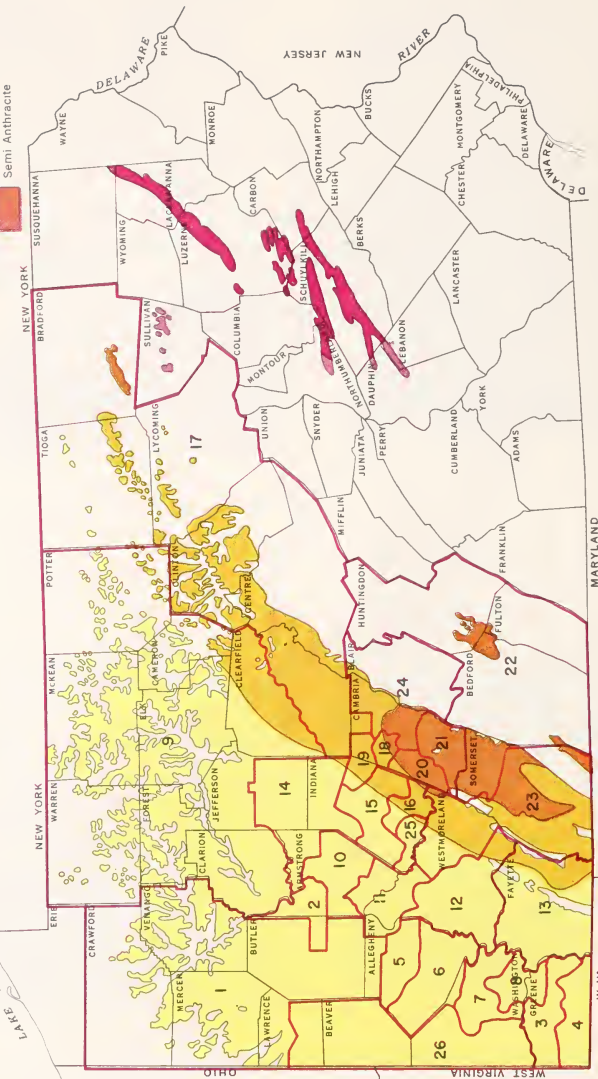
BITUMINOUS FIELDS



DISTRIBUTION OF PENNSYLVANIA COALS Bituminous Deep Mine Inspection Districts



ANTHRACITE FIELDS

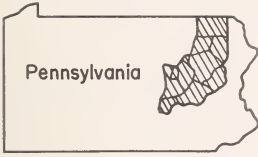


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|-------------------------|------------------------------|-----------------------|
| 1. Jesse L. Bolen, Act. | 16. L. D. Kimmel | 21. E. H. Pauley |
| 2. Jesse L. Bolen, Act. | 17. G. F. Moody, Act. | 22. Michael Phillips |
| 3. P. H. Hyatt | 18. Joseph P. Martelli, Act. | 23. Wayne L. Reynolds |
| 4. Edward C. Urbany | 19. William Gary | 24. A. E. Valeri |
| 5. Frank J. Shoaf, Jr. | 20. Eno Chellini | 25. R. E. Fulton |
| | | 26. A. M. Pawlosky |

76°

New York
Pennsylvania

42°



Susquehanna

Lackawanna

Wyoming

Luzerne

NORTHERN FIELD

Scranton

Kes-Barre

Susquehanna

Columbia

Montaur

North Branch

EAST MIDDLE FIELD

Carban

WEST MIDDLE FIELD

Narhumberland

SOUTHERN FIELD

Schuylkill

Dauphin

Lebanon

76°

-41°

Miles
0 4 8 12 16

District	Mine Inspector
1	R. T. Shober
2	L. W. Rogers
3	C. E. Kashner
4	J. J. Halaburda
5	A. E. Hand
6	C. E. Miller

FATAL ACCIDENTS

22

Name of Victim: Bernard Kopchinski
Sandy Run, PA 18224

REPORT OF FATAL ACCIDENT

Robert T. Shober - Mine Inspector

1st Anthracite District

DESCRIPTION OF THE ACCIDENT

On January 3, 1977, at approximately 1:00 p.m., a syntron operator, 35 years of age, single, with two months experience in that position and one year experience around the mines, was killed when caught between the main feed belt drive drum and chute side at the Hazleton Shaft Breaker of Jeddo-Highland Coal Company, Hazleton, Luzerne County.

Because of mechanical problems elsewhere in the breaker, operations did not start at the normal starting time of 7:00 a.m. and the victim was removing an accumulation of frozen material from along the belt. When the breaker was ready to run, the operator returned to his regular position at the bottom of the belt. Being the feed operator, it is his responsibility to keep a daily record of time of all stops and starts. The only entry for the day was the start at 11:30 a.m.

At approximately 12:00 noon, Foreman John Seaman and Electrician James Murphy spoke with the operator at his position at the bottom of the belt. The electrician had given him some light bulbs and they continued up the line to the top of the breaker. On returning down the feed line, the electrician passed the operator on the walkway. He isn't quite sure, but he thinks he was cleaning up some of the frozen material. The electrician replaced fuses in the syntron that was not in operation. Not seeing the operator at the bottom of the line, he walked up to the head of the belt line where he saw pieces of clothing on a vertical roller just before the discharge end of the belt. He immediately had the belt stopped and John Beishline, a cone attendant, found the victim in the chute into which the belt discharges. The time of the discovery was approximately 1:00 p.m. Pronouncement of death was made at 1:10 p.m. by Andrew Piskel, Deputy Coroner, Luzerne County.

Because of the manner in which the left arm of the victim was wedged under the belt drive drum, the belt had to be blocked up, both bearing caps removed from the drum drive shaft, and the entire drum and shaft lifted to allow the removal of the arm to release the body.

The machinery involved is a 36 inch feed belt, 277 feet - 10 3/4 inches in length, running at a speed of 700 feet per minute, with a rise of 3 3/8 inches per foot or on a pitch of 16 degrees.

CAUSE OF ACCIDENT

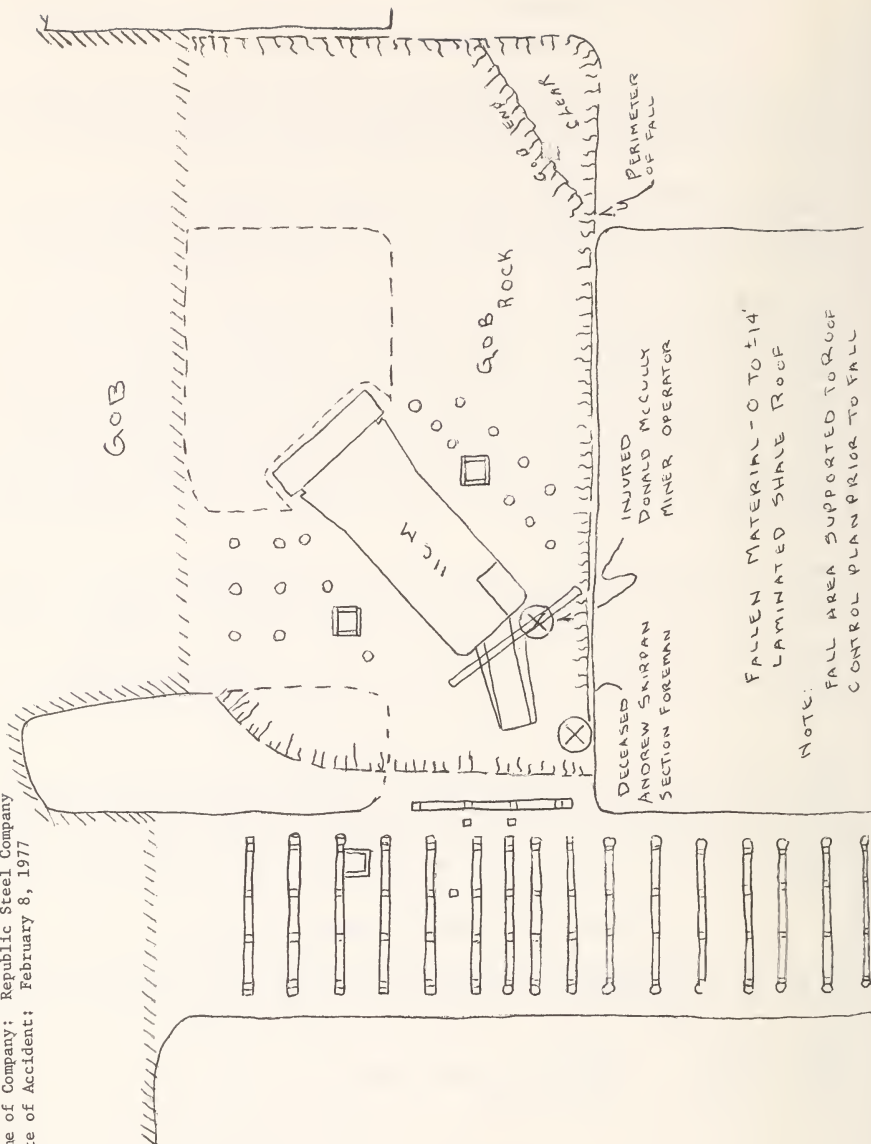
Since there were no witnesses to the accident, it is assumed the victim got on or fell on the belt for some unknown reason, and from the evidence of torn clothing just in front of the drive drum, must have tried to reach out to grasp something and his arm fell between the belt drum and the chute side carrying the arm around and wedging it between the belt and the belt wiper, causing the transaction of the left axillary artery and possibly the fracture of the first cervical vertebrae.

MEANS OF PREVENTING A SIMILAR ACCIDENT

To prevent a similar accident, the syntron operator shall remain at his post at the bottom of the belt line as long as the line is in operation and, at no time, shall anyone clean up or work around the belt while in motion.

Name of Mine: Breaker
Name of Company: Jeddo-Highland Coal Company
Date of Accident: January 3, 1977

Name of Victim: Andrew Skirpan
 Name of Mine: Newfield
 Name of Company: Republic Steel Company
 Date of Accident: February 8, 1977



Name of Victim: Andrew Skirpan

203 University Street
Verona, PA 15147

REPORT OF FATAL ACCIDENT

F. J. Shoaf, Jr. — Mine Inspector

E. C. Urbany (assisting)

5th Bituminous District

P. H. Hyatt (assisting)

DESCRIPTION OF THE ACCIDENT

Roof fall accident in "push block" area of mine.

CAUSE OF ACCIDENT

A sudden unusual collapse of a section of roof in the "push block" section of the mine occurred while mining on a wing lift. The actual collapse took place shortly after the men returned from dinner hole. Thus, they had not been in the area to hear the roof "working" which would have given them a warning to take proper precautions.

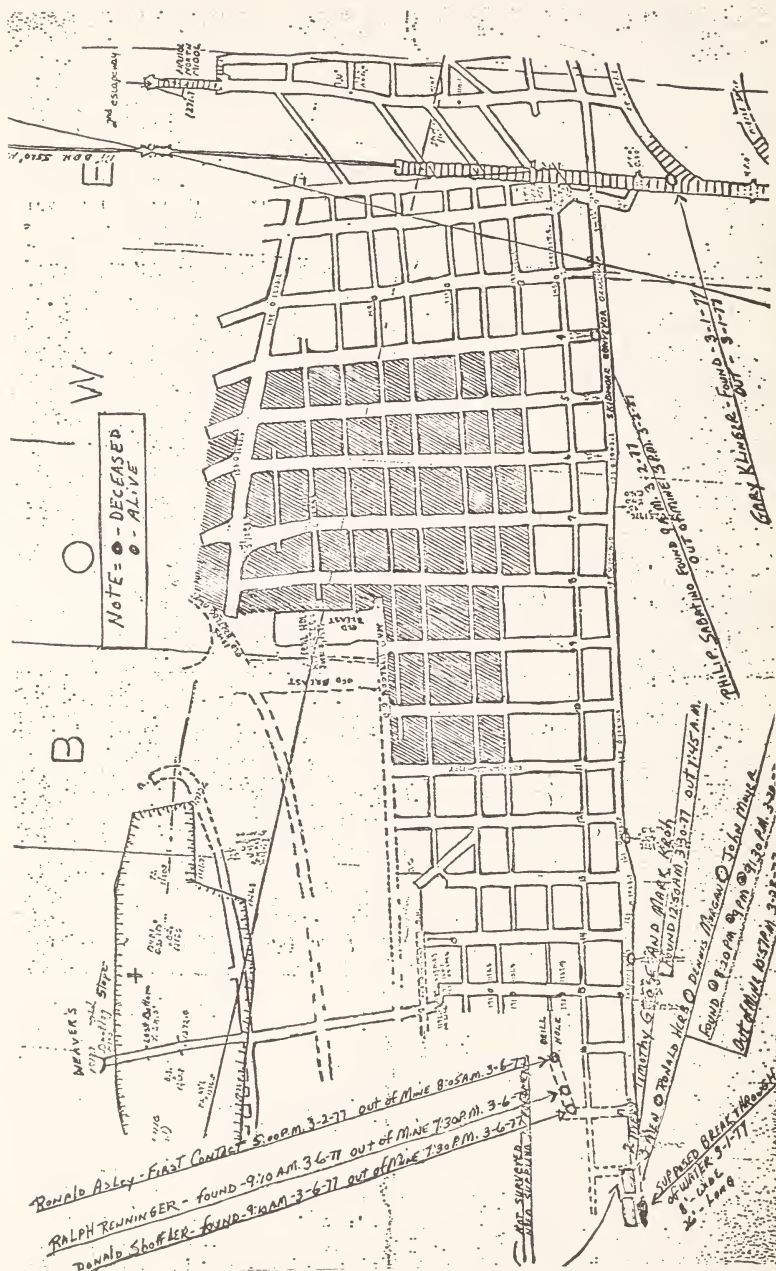
MEANS OF PREVENTING A SIMILAR ACCIDENT

1. When mining a wing lift, plans must be made so as not to stop mining for any length of time, such as leaving the push or final stump area during lunch period.
2. Men employed in this type of work must be trained in safe job procedures, especially in retreat work.
3. Mining and roof control plans must be strictly followed.

Name of Mine: Newfield

Name of Company: Republic Steel Corporation

Date of Accident: February 8, 1977



Sketch Of Fatal Accident
PORTER TUNNEL MINE - KOCHER COAL COMPANY
March 1, 1977 -- 6th Anthracite District
Clarence E. Miller, Mine Inspector

REPORT OF FATAL ACCIDENT

Clarence E. Miller — Mine Inspector

6th Anthracite District

DESCRIPTION OF THE ACCIDENT

On Tuesday, March 1, 1977, at approximately 11:50 a.m. an intrush of water occurred in the West Skidmore south dip conveyor gangway section of the Porter Tunnel Mine, Kocher Coal Company, causing the deaths of nine workmen, injuring three others, and the entrapment of one. There were 84 persons in the mine when the inundation occurred. Nineteen workmen were working in the West Skidmore south dip section. Six of these miners in the inundation area escaped safely by traveling up the emergency escapeway. The three injured workmen were assisted through the emergency escapeway. All of the workmen in the other sections of the mine were able to escape unhurt.

The intrushing water entered the mine through a breach in the mine floor at the low side rib in the gangway between number 18 chute and the face of the gangway. The source of the water was from an abandoned mine work adjacent to the West Skidmore section of the Porter Tunnel Mine. These abandoned workings were developed in the early 30's and were never completely surveyed or actually shown on the maps.

The Porter Tunnel Mine is located 3 miles east of Tower City, in Schuylkill County, Pennsylvania. A total of 145 workmen were employed at the mine: 125 underground and 20 on the surface. The mine was operated 2 shifts per day, five days per week and produced an average of 700 tons of anthracite coal per day. The mine is opened by a rock tunnel driven in a northerly direction into the Big Lick Mountain, a distance of about 4,300 feet. The tunnel intersects 15 coal seams.

The breast and pillar system of mining was employed in the West Skidmore section. Gangways are normally driven 12 feet wide and chutes 8 to 10 feet in width, being turned on 60 foot centers and driven approximately 35 feet up the breast to the monkey airway which averages 6 feet in width. Breasts are driven up the pitch 6 to 20 feet in width and extend to their limit. Miner headings connected the breast at about 60 foot intervals.

The West Skidmore gangway and monkey airways had been advanced approximately 1,100 feet, westerly from the main tunnel. Advancement was accomplished by blasting coal off the solid, utilizing three-man crews in the gangway and the monkey airways. The slant breast was driven from number 17 to number 15 breast.

In addition to the aforementioned advancing faces, pillars were also being extracted in the West Skidmore section. Pillar extraction had been completed between number 4 and number 11 chutes above the monkey heading. The coal and rock from the gangway was hand-loaded into the chain conveyor. The coal from the monkey airway, the slant breast, and the pillar area was loaded by gravity into the 2 air-driven chain conveyors being operated in tandem. The conveyor discharged down into the counter chute from which the material was loaded into the mine cars on main tunnel track for transportation to the surface.

Prior to the inundation, 19 men were assigned to work in the West Skidmore south dip conveyor gangway section. 4 men were assigned to work at the loading counter chute in the main tunnel. One man was assigned at the transfer point from number 2 to number 1 conveyor. One man was assigned as a chain conveyor attendant along number 1 conveyor. Two men were assigned duties at 12 and 13 chutes to regulate the flow of coal from the chute into the chain conveyor. Three men were assigned to work at the face of the gangway whose duties were to advance the gangway. Three men were assigned to work the face of the monkey airway whose duties were to advance the airway. Three men were assigned to advance the face at number 17 slant breast.

On March 1, at 11:50 a.m., the chief clerk at Porter Tunnel received a call from an employe who reported that there was a break. The clerk then called into the mine and talked to the assistant mine foreman. One of the other assistant mine foremen overheard the conversation and said that he would check the section. The 2 foremen then contacted other men by telephone and told them to leave the mine. The motorman also heard the conversation and was preparing to come out with the trip but found water and debris on the track and could not continue. The mine foreman became aware of the inundation when a laborer from the affected section escaped to the surface by way of the return air escapeway and caught a ride on a pick-up truck from the strip foreman to the deep mine office - a distance of 5-1/2 miles.

An unusually large volume of water was flowing from the mine tunnel about the time that the employe arrived at the mine office. The mine foreman was not able to enter the main tunnel due to high water. He then traveled from the surface to the second escapeway and was the first person to reach the affected area where he found 3 injured persons and assisted them to the surface.

The inundation rendered most parts of the gangway and monkey airway impassable due to the water and debris. Most of the coal pillar at the corner chute had been washed out, cutting off the most direct escape route to the main tunnel. All agencies were notified of the inundation and upon arriving at the mine, the first consideration was to determine the number of men involved and a plan of rescue and recovery work. The first rescue crews entered the mine tunnel, followed the inundation, and recovered the body of Gary Klinger. The body was located in the main tunnel approximately 1,060 feet outby the West Skidmore conveyor gangway and was removed to the surface at 2:30 p.m.

At approximately 7:30 p.m., the command post, with telephone-radio communication, was set up on the surface and state police were at the scene to control the crowd that had already started to assemble. Relatives of the trapped men and news media were briefly told of the rescue and recovery operations. All efforts were made to insure that these briefings were factual and timely.

The body of Phillip Sabatino, a gangway face miner, was sighted by workmen at about 12:50 a.m. on March 2, at number 4 chute, West Skidmore gangway. Due to the debris and condition of the roof and the extreme difficulty in traveling, the body was not taken to the surface until 2:20 a.m.

During the morning of March 2, and after reviewing maps and all access to the slant was completely blocked with debris, and because of the possibility of survivors on the high area of number 17 breast, a decision was made to drill an exploratory hole from 15 breast in the coal to 17 slant breast. Workmen had installed air lines by 5:55 p.m. on Wednesday, March 2, and were waiting for drill steels to be delivered to the drill site. While waiting for the drill steels, a rap was heard on the west rib of number 15 breast. The crew determined that the rapping was coming from the slant off of 17 breast. When the drill steels arrived, a 1-3/4 inch diameter hole about 48 feet in length was drilled through to the slant. At that time, voice contact was made with Ronald Adley who was in the slant. Adley informed rescue crews that he was all right and that there were 2 other workmen in the breast below him. Although he suspected that they were dead, he was not certain of their condition. The second 1-3/4 inch diameter hole was drilled into the pillar and a 1 inch plastic pipe was installed in a hole at 9:55 p.m. on March 2. Adley was given orange juice through the pipe. The third hole was drilled through and was used to communicate with Adley while the first hole was being enlarged to 4 inches.

A headpiece of a miner's cap lamp with a cable long enough attached to a battery at number 15 breast was passed through the 4 inch hole at 6:20 a.m. Coveralls, socks, a blanket, solid food, and a personal note from his wife were also passed through. At this time, Adley said he felt fine and was going to sleep for awhile.

In order to accomplish rescue in the shortest possible time and the safest means available with the welfare of Adley first in consideration, it was decided to drive a rescue tunnel through the coal pillar from number 15 to number 17 slant breast.

Based on information received from Adley on the conditions of the slant and the physical evidence of the area of 15 breast, a decision was made to drill a pattern of holes in the coal and break the coal with the aid of a hand held air-operated chipping hammer. This method was selected because to blast an escape tunnel with explosives might have caused a pillar to run or a fall of roof in a slant breast.

As rescue workers advanced toward Adley, progress became difficult. Coal dust concentration had been caused by uninterrupted drilling and chipping in the confined area of the tunnel. The coal became hard and pyrite deposits were frequently encountered, limiting progress to approximately 5 inches per hour.

On March 5, approximately 8:50 p.m., with 7 feet remaining, unusually large concentrations of pyrite were encountered. This retarded progress. At 7:55 a.m., March 6, a small diameter hole was drilled in to Adley who requested that the chipping hammer be passed in to him. The tunnel was completed at 8:05 a.m., on March 6, allowing Adley to escape. Rescue workers wanted to carry Adley to the main tunnel, but he elected to walk in the company of his rescuers. He arrived at the surface at 8:35 a.m. An awaiting ambulance transported him to the Pottsville Hospital.

At approximately 9:30 a.m. March 6, rescue crews entered the number 17 slant breast through narrow escape tunnel to explore the area. Rescue teams recovered the body of Ralph Renninger and sighted the body of Donald Schoffler. Renninger's body was located approximately 46 feet from the face of 17 slant breast along the high side coal rib. Removal of the body through the narrow escape tunnel was difficult and difficulty was encountered in transporting the body up the second miner heading, down the monkey airway and down to the main tunnel.

At approximately 4:30 p.m., March 6, Schoffler's body was recovered -- located 68 feet from the face. Both bodies arrived on the surface at 7:30 p.m. on March 6.

During the early planning for rescue and recovery operations, the feasibility of drilling a hole into the affected area from the surface was one of the many possibilities considered. At the meeting on March 2 and 3, 1977, MESA had made arrangements to move drill rigs into the area. By March 11, all 4 drill rigs were on the site and 14 holes were drilled -- the last completed on March 14.

Underground area penetrated by probe holes was surveyed with a down-hole intercom probe and remote TV cameras operated by MESA. Seismic communication systems arrived on the site on March 2 at 9:30 p.m., and by 12:30 a.m. on March 3, the seismic equipment had been placed in operation by MESA. Prior to the rescue of Adley, explosives were not detonated on the surface as a signal to possible survivors underground for 2 reasons -- 1. the rescue of Adley would have to be stopped for a period of at least an hour for the seismic tests, and 2. it was not known whether detonation of the explosive charges on the surface would cause a roof fall in Adley's chamber.

On March 6, promptly after recovery of Adley, a seismic test was conducted with negative results. During the recovery work and after Adley was brought to the surface, there were reports of hearing muffled raps. The drilling and all recovery was stopped and a trial rapping test was conducted with the use of seismic instruments, and the results were negative. Seismic instruments were brought underground and all rescue men were brought out for an hour of silence to conduct additional seismic tests – and each proved negative.

Clean-up continued around the clock in the gangway and monkey airway. The 2 chain conveyors in the gangway were installed at approximately 8:45 on March 10, and became fully operational. Coal pillars between the gangway and the monkey airway number 18 chute, a total distance of 63 feet, were washed out and laying loose on a 48 degree pitch. Recovery progress along the gangway from this point to the face became extremely slow and difficult. Roof supports were dislodged and most had been carried out of the area. After recovery work had reached midway between 18 chute and the face of the gangway, a body was sighted in the loose coal above the gangway. An opening was made through the lagging from the gangway and the loose material ran through. The bodies of 3 of the victims were located at 8:20 p.m. the 3 bodies were transported to the surface arriving there at 10:57 p.m. on March 28. Clean-up progress in the gangway continued around the clock until the face of the gangway was finally reached about 7:00 p.m. on March 29.

After the face of the gangway was reached, the mine foreman got on top of 3 sets of timber nearest the gangway face, crawled out toward number 18 chute over the gangway where he located a body of another victim almost in the same area as the other 3. Again, an opening was made through the lagging in the gangway and the bodies of the last victims were recovered.

During the investigation, it was asserted that the inrush of water came through the West Skidmore south dip conveyor gangway. The break occurred on a low side rib at the working face for a distance of approximately 26 feet outby the face of the gangway. The water came from workings in abandoned underground coal mines. A map of the abandoned mine was not available.

Number 15 breast off the West Skidmore gangway indicated evidence that the water had raised to a point 21 feet above the second miner heading, a distance of 181 feet above the gangway and 93 feet above the slant breast, where Ronald Adley was trapped. Evidence also referred the water in the main tunnel had reached a vertical height of 6 feet. The main tunnel is about 8 feet high and 14 feet wide.

The inrush of water caused extensive damage and destruction to the West Skidmore conveyor gangway and monkey airway for a distance of 1,100 feet. In addition to destroying travelingways from the main tunnel to the gangway, the inrush of water also caused large amounts of debris to be deposited in the main tunnel for approximately 525 feet outby the counter chute.

A trip of loaded mine cars was derailed by the inrushing water.



BELTRAMI ENTERPRISES, INC.

Foster Township, Luzerne County, Pa.

Fatal Accident Sketch - March 12, 1977

Mining Permit #816-4

District 58 - Inspector Walter A. Dieterle

REPORT OF FATAL ACCIDENT

Walter Dieterle, Mine Conservation Inspector

District #58

On March 12, 1977, at approximately 11:45 a.m., a shovel oiler, 28 years of age, married, having one child under 18 years of age, with approximately 2 years-9 months experience at this occupation, was fatally injured when a compressed piston broke loose from the stabilizing unit on a power shovel pontoon at a surface mine operation of Beltrami Enterprises, Inc. under Mining Permit #816-4 in Foster Township, Luzerne County.

DESCRIPTION OF THE ACCIDENT

In the process of moving a 7400 Marion dragline from the pit area, the shovel was rotated and the right walking pontoon hit a spoil pile causing the pontoon to tilt and the equalizer piston to become disengaged. A dozer was used to compress the equalizer piston, which was then welded in place. The General Manager was giving directions to the victim who in turn relayed the instructions to the shovel operator. The weld broke, causing the compressed piston to fly through the air striking the victim in the mid-section. First aid was given to the victim. Victim was still alive when the ambulance arrived at the scene to transport him to the hospital; but was dead on arrival at hospital.

CAUSE OF THE ACCIDENT

The accident was caused by inadequate room for the operation of the shovel; defective machinery (adjusting screw frozen) and poor discretion on the part of the supervisor.

MEANS OF PREVENTING A SIMILAR ACCIDENT

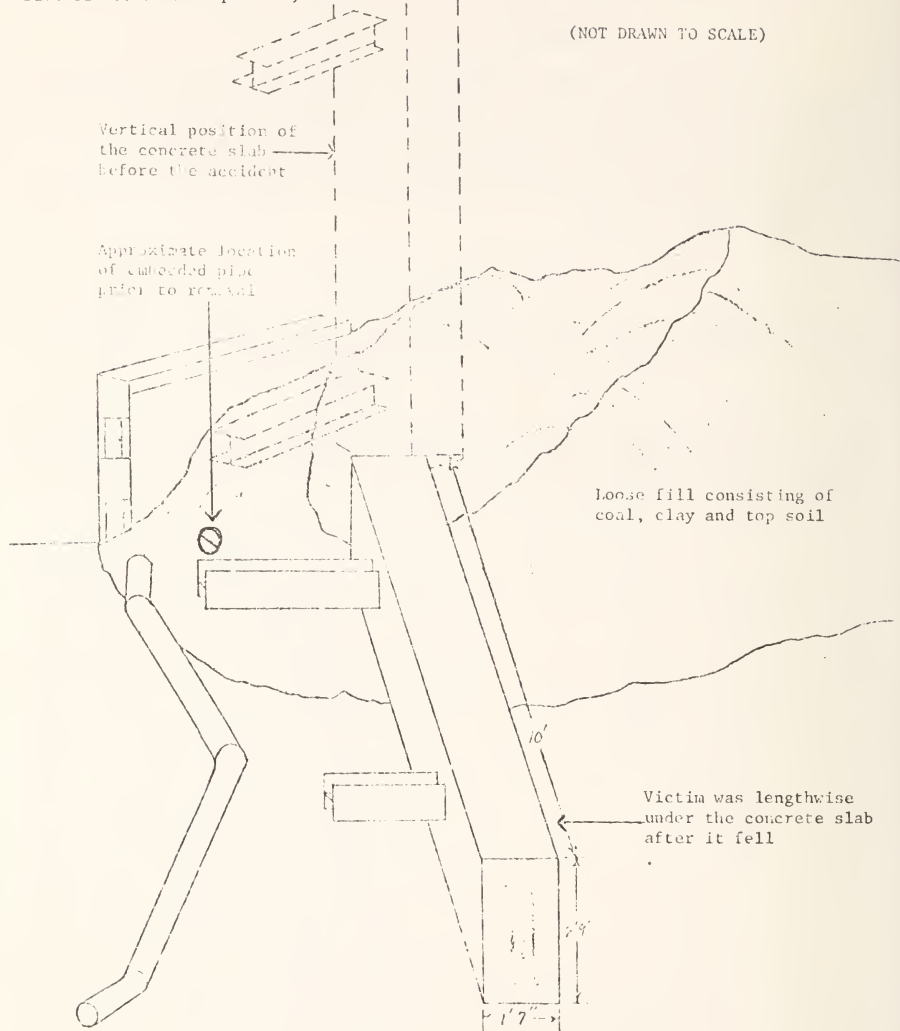
Insure that there is adequate room for operation of equipment; replace adjusting screws with spacer plates; weld plate over forward portion of equalizer piston to prevent piston from coming over top of retaining plate; weld along retaining plate and weld additional side plates to prevent piston from slipping to the side.

RESPONSIBILITY FOR THIS ACCIDENT

The primary responsibility for this accident must be placed on the management.

Name of Victim: William Scurfield
Name of Mine: Tipple & cleaning plant
Name of Company: Scurfield
Coal Company, Inc.
Date of Accident: April 18, 1977

(NOT DRAWN TO SCALE)



Name of Victim: William Walker Scurfield

1305 Stadium Street
Berlin, PA 15530

REPORT OF FATAL ACCIDENT

Wayne L. Reynolds — Mine Inspector

23rd Bituminous District

DESCRIPTION OF THE ACCIDENT

The accident occurred while the victim was discussing plans to erect a new structure at the mine site. A large piece of concrete block was being used as a base or footer and it was placed on end, or stood up on end, three days prior to the accident. On the morning of the accident, a high lift operator removed a pipe (6" x 16') from above the concrete block. The removal process disturbed loose coal and the concrete block began to tilt. Unnoticed by the victim and his brother, the block finally fell on the victim pinning him to the ground. The concrete block measured ten feet long, thirty inches wide, nineteen inches thick. The victim was pronounced dead at the site a half hour after the accident.

CAUSE OF ACCIDENT

Since the foreman in charge was the victim, he failed to instruct the high-lift operator to have the large piece of solid concrete set in a position where it could not fall, thus putting himself in a position where a dangerous condition was created. Also, the removal of the cast iron pipe, which disturbed the fine coal around the concrete block, was a contributing factor. The victim failed to heed the several warnings yelled by the high-lift operator adding to the cause of this accident.

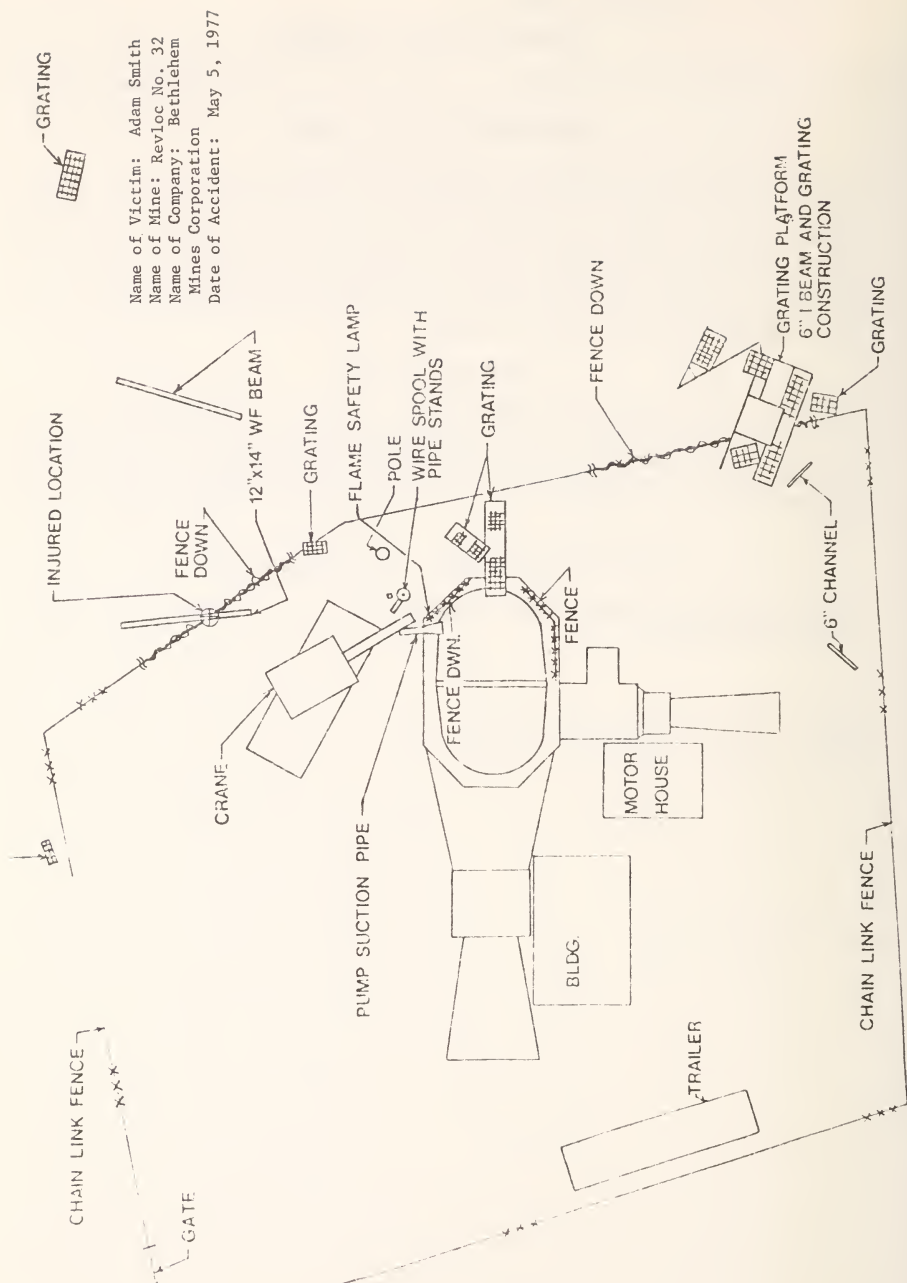
MEANS OF PREVENTING A SIMILAR ACCIDENT

Issue proper instructions and not create a dangerous condition; and by recognizing a dangerous condition when it exists.

Name of Mine: Tipple & cleaning plant

Name of Company: Scurfield Coal Company, Inc.

Date of Accident: April 18, 1977



Name of Victim: Adam Smith
Revloc, PA 15948

REPORT OF FATAL ACCIDENT

Joseph Martelli — Mine Inspector

18th Bituminous District

DESCRIPTION OF THE ACCIDENT

The victim was in the vicinity of an explosion. He heard the explosion and saw the material flying and started to run. A steel beam came down and pinned him to the ground. The beam weighed approximately 1700 lbs. and was twenty-two feet long, fourteen inches thick.

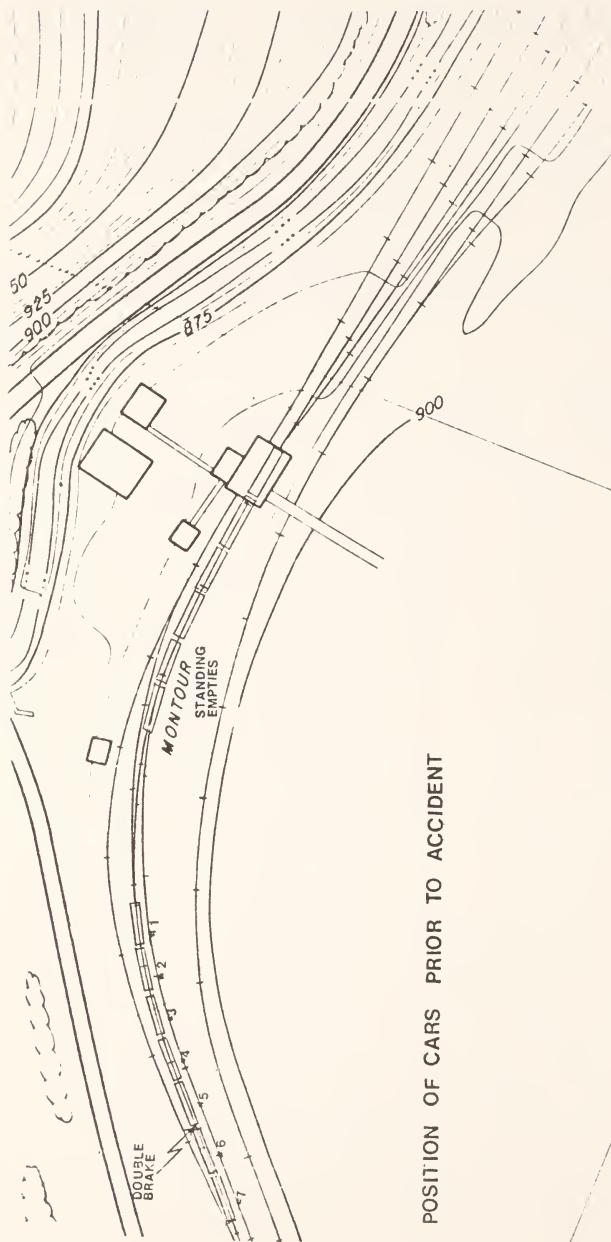
CAUSE OF ACCIDENT

Due to welding and cutting around mine shaft, to abnormal conditions caused by the mine shaft being flooded (for the purpose of extinguishing a mine fire). Also due to spark and/or hot metal, from cutting torch, igniting accumulated gas from improper ventilation.

MEANS OF PREVENTING A SIMILAR ACCIDENT

No cutting or welding shall be done on top or around mine shafts. When work is being done around mine shafts there shall be a certified man present. Officials shall see that mine shaft is properly ventilated. The entire depth of the shaft shall be ventilated and all gas rendered harmless.

Name of Mine: Revloc #32 Mine
Name of Company: Bethlehem Mines Corporation
Date of Accident: May 5, 1977



POSITION OF CARS PRIOR TO ACCIDENT

NAME: WAYNE CERAR Age 22
 OCCUPATION: CAR DROPPER
 DATE: 5-25-77
 MINE: MONTOUR 4
 LOCATION: TIPPLE
 FATAL ACCIDENT
 SCALE: 1" = 100'
 NAME OF COMPANY: Consolidation Coal Co.

Name of Victim: Wayne Cerar

986 Cochran Mill Road
Pittsburgh, PA 15236

REPORT OF FATAL ACCIDENT

John J. Hunter, Acting – Mine Inspector

6th Bituminous District

DESCRIPTION OF THE ACCIDENT

A fatal accident occurred at the Montour #4 Mine on May 25, 1977, at approximately 4:00 a.m., in which Wayne Cerar, Railroad Car Dropper, was fatally injured when he was crushed between one of three moving railroad cars and a standing car. An investigation followed immediately.

Wayne Cerar, Age 22, was unmarried. He had worked at Montour Mine for 50 months and was classified as an Outside Repairman with 14 months experience. For two days prior to the accident he had been training as a Car Dropper and was assigned to Martin Plute, a qualified Car Dropper, with four years experience. He was being trained to fill in during vacation periods or absenteeism.

At the start of the midnight shift, Mr. Cerar was assigned to work with Frank Signiorini, Tipple Mechanic, who also works as a Car Dropper occasionally. During the first part of the shift, five empty cars were dropped onto the #1 Track from the #2 Track through a switch from #2 to #1 Track with the last car not quite clearing the switch crossover. Cerar controlled the trip and Signiorini observed. During the investigation, Signiorini testified that Cerar did a good job. Later in the shift, seven cars were to be moved from the #2 Track with three being moved down #2 Track and four onto #1 Track. Brakes were set on cars #1, 5 and 6 and the trip cut between cars #3 and #4. At this time, 3:55 a.m., the Montour Railroad brought in ten cars and it was decided to drop the seven standing cars onto the #2 Track and place the incoming ten cars on the #1 Track. Signiorini checked the couplers on cars #3 and #4 which he had cut prior to changing the work plans. He released the lever on the coupler and felt under the coupler to make sure the pin had dropped in place. By so doing, he felt that the cars were recoupled. Signiorini instructed Cerar to release the brake on the #1 car and to handle the brake on #2 car with himself handling the dual brakes on cars #5 and #6. When the brake was released, cars #1, 2 and 3 started to move and it is assumed that Cerar tried to get to the brake on car #2, but was crushed between the side of #2 car and the rear of the last standing car which had failed to completely clear the crossover of the switch between #2 and #1 Tracks. The empty cars continued on under the tipple and stopped in the lower yard.

Prior to the accident, Francis Bodnar, Montour Railroad Brakeman, had observed Cerar releasing the front wheel brake, descend from the railroad car and bleed off the air brakes. The three front cars started moving and Cerar jumped onto the car and tried to control the cars with the brake between the #1 and #2 cars. He couldn't control the trip and Bodnar thought that Cerar was attempting to descend the trip. When the railroad cars were about 1 car away from the impact, Bodnar's vision was blocked and he did not see the accident. After the impact of the cars colliding, Bodnar hastened to the site and found the body of Cerar laying beside the last standing car. He summoned assistance from the tipple and an ambulance was called.

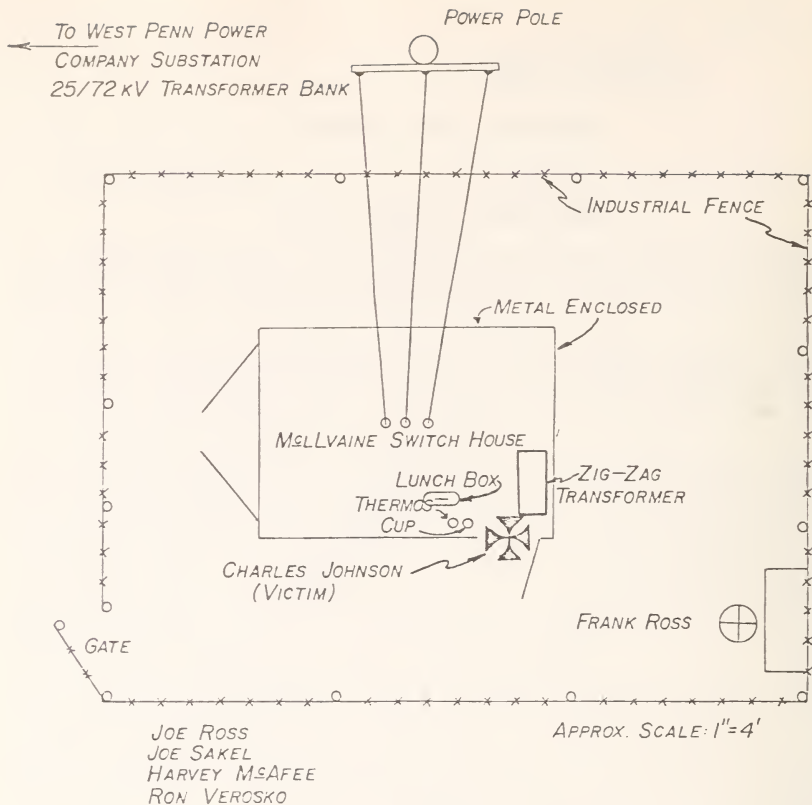
CAUSE OF ACCIDENT

Victim was caught and crushed by a runaway trip of empty railroad cars that collided with the side of a standing empty car that had not been properly placed at the crossover leaving insufficient clearance to allow cars to be dropped on the parallel tracks.

MEANS OF PREVENTING A SIMILAR ACCIDENT

1. Visual markings to be provided to indicate track areas where passing clearance is inadequate.
2. Proper and careful training by a well qualified person of any employee assigned to a new job.
3. Re-emphasize and instruct car droppers on the importance and use of safety belts.
4. Have the work areas well lighted and maintained in good repair as required at all times.

Name of Mine: Montour #4
Name of Company: Consolidation Coal Company
Date of Accident: May 25, 1977



SKETCH OF FATAL SURFACE ELECTRICAL ACCIDENT
NO. 51 MINE, BETHLEHEM MINES CORP.
ELLSWORTH DIVISION
ELLSWORTH, WASHINGTON COUNTY, PENNSYLVANIA

Injured: July 18, 1977
Died: August 11, 1977

Robert J. Monaghan, Investigating Inspector
7th Bituminous District

Name of Victim: Charles Johnson
Box 103
Daisytown, PA 15427

REPORT OF FATAL ACCIDENT

Robert J. Monaghan — Mine Inspector

7th Bituminous District

DESCRIPTION OF THE ACCIDENT

The victim had repaired a malfunction on Substation A.C. breaker while his buddy was checking out the radio monitor system in the lamphouse. Subsequently, the victim decided to eat lunch in the high voltage compartment after having just restored power. He came in contact with the Z transformer and was burned. He died several weeks later.

CAUSE OF ACCIDENT

The victim failed to complete his job of "buttoning up" or closing up the high voltage compartment after he finished his repairs and restored power.

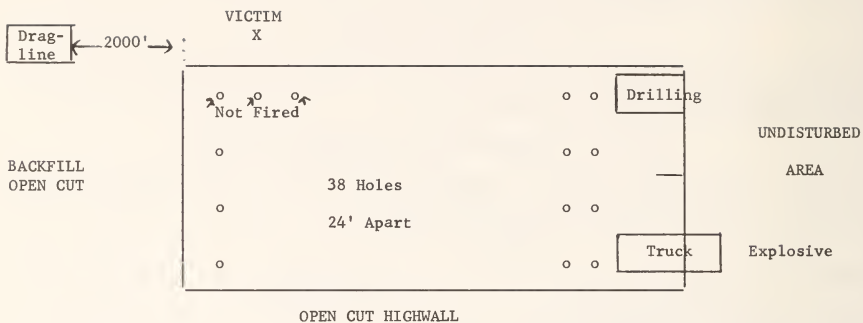
MEANS OF PREVENTING A SIMILAR ACCIDENT

As soon as repair work is completed on electrical equipment, the voltage compartment should be closed prior to the restoration of power.

Name of Mine: Bethlehem Mines #51
Ellsworth Division

Name of Company: Bethlehem Mines Corporation

Date of Accident: July 18, 1977



Sketch Of Fatal Accident
 STRIP PERMIT NO. 7-31 -- JONES & BRAGUE MINING COMPANY
 August 1, 1977 -- 49th Bituminous District
 Harold Burdick, Mine Conservation Inspector

REPORT OF FATAL ACCIDENT

Harold Burdick, Mine Conservation Inspector

District # 49

On August 1, 1977, at approximately 2:45 p.m., a licensed blaster, 26 years of age, married, having one child under 18 years of age, with approximately two (2) years experience at this occupation, was fatally injured when struck by a rock which was thrown as lightning struck detonator wires while the last of 38 charges holes was being wired in preparation for blasting at a surface mine operation of Jones & Brague Mining Company under Mining Permit #7-31 in Ward Township, Tioga County.

DESCRIPTION OF THE ACCIDENT

Victim was working with his helper preparing holes to be blasted later that day. It had been raining on and off all day and had just stopped raining as the last of 38 charged holes was being wired. Lightning struck the detonator wires, setting off the charge. An explosion occurred and a rock, approximately 4' x 3' x 8" was thrown, which landed on top of victim, crushing his chest and thereby causing death.

CAUSE OF THE ACCIDENT

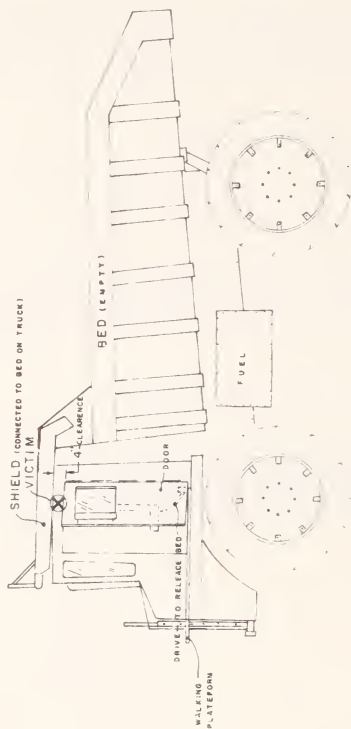
The accident was caused by lightning striking detonator wires, setting off charge.

MEANS OF PREVENTING A SIMILAR ACCIDENT

When an electrical storm is apparent in the area, and an employee has to perform any type of work around a blasting site, all employees are to move out of the area until there is no more indication of the storm. There is to be no drilling done at the time the blaster is loading holes in the area. Do not resume loading holes if there is any indication of electrical storm in sight.

RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must be shared by both the company and the victim. The company failed to instruct employees to be more cautious when they are working an area being prepared for blasting and the victim placed himself in the position of loading holes with a dynamite mixture in preparation for blasting during a time when the possibility of an electrical storm existed.



FRONT VIEW

SIMCA MINING INC

TRUCK ACCIDENT

JORDEN TWP CLEARFIELD CO, PA

SCALE 1 inch = 4 feet

AUGUST 28, 1977
CLEARFIELD, PA

JOHN W. JESS
ENGINEER

REPORT OF FATAL ACCIDENT

Charles Hicks, Mine Conservation Inspector

District #43

On August 19, 1977, at approximately 2 p.m., a truck driver, 28 years of age, single, with approximately six weeks experience at this occupation, was fatally injured when caught between the door of truck and rock deflector at a surface mine operation of Simca Mining, Inc. under Mining Permit No. 529-9 in McCartney, Clearfield County.

DESCRIPTION OF THE ACCIDENT

The victim had stopped his truck and apparently had the door open and leaning over it. (He was waiting for the dozer operator to do more work in the pit.) Since there were no eye witnesses, it is presumed that he may have let the bed down with his foot and was caught between the door and the rock deflector on the truck.

CAUSE OF THE ACCIDENT

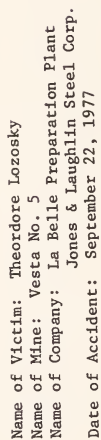
Cause of the accident is unknown, since there were no eye witnesses.

MEANS OF PREVENTING A SIMILAR ACCIDENT

Similar accidents can be prevented by operator staying in cab of truck with door closed while lowering bed.

RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must be placed on victim. The truck was started and found to be in perfect working condition.

46

Name of Victim: Theodore Lozosky

RD 1
Fredericktown, PA 15333

REPORT OF FATAL ACCIDENT

J. M. Hovanic — Mine Inspector

8th Bituminous District

DESCRIPTION OF THE ACCIDENT

On September 22, 1977, at approximately 6:45 p.m., an acting conveyor man, age 39, married with three children under 18 years of age, who had 11 months experience in the LaBelle Preparation Plant of the Jones & Laughlin Steel Corporation, received injuries that caused his death. He was pronounced dead by an attending doctor at the hospital at approximately 7:45 as per notification to the superintendent of the Preparation Plant. The victim's total experience at this company was 27 months (10 months in Vesta No. 5 Mine) prior to his transfer to the Preparation Plant.

The victim was an acting conveyor man along the belt line from the feeder chute below raw coal silos on the first floor and was found wedged between the belt line and feeder chute No. 304-A. The space between the belt line and the chute frame is 16 inches and the space between each chute is 12 feet. The No. 303-A chute was clogged or blocked when victim was found. Since there were no witnesses to the accident, all conclusions drawn must be based on assumption. Another employee, working on the same floor near the fatal area, walked by the victim approximately five minutes prior to the accident. The victim was standing along the belt line. The employee who walked past the victim went to get a drink of water from his dinner bucket and started back to his area of work when he heard the phone ring and the men at the control room said the breaker went out and belt stopped. The employee then continued on and found the victim wedged under the chute frame and belt (his head in direction of belt travel). He called for help and the foreman.

CAUSE OF ACCIDENT

No witnesses to accident so it was assumed victim fell onto the belt and hit his head on feeder chute and was wedged under chute frame and belt, receiving fractured skull and other head injuries. Since belt line had guarding around belt line travel area, victim must have climbed over same to look at clogged No. 303-A Chute, and subsequently fell onto the moving belt.

MEANS OF PREVENTING A SIMILAR ACCIDENT

All employees should follow posted notices as to safe procedures when work is done on belt line or other moving equipment. Power switch and lock out switch should be padlocked and not removed until job of repairs or corrections are made.

Name of Mine: Vesta No. 5
La Belle Prep. Plant
Name of Company: Jones & Laughlin Steel Corp.
Date of Accident: September 22, 1977

FACE 2 1/2 Room
10 RT
C. MAINS

Victim: Jo Paul Mitchell
Name of Mine: Nemacolin
Name of Company:
Nemacolin Mines Corp.
Date of Accident:
October 14, 1977

BOLTING PATTERN FOR
REST OF ENTRY IS
ACCORDING TO PLAN,
WITH EXTRA SUPPORT
AT LAST X-CUT

RIB
SPALLING
FROM
HERE

LOCATION
OF
INJURED

DUST BOX

FLETCHER
ROOF
DRILL

CAB

16.5'



DRILL STEEL
IN ROOF

MINING HEIGHT

RIB

2 1/2 ROOM
79' INSEY
E OF LAST
X-CUT

LEGEND

JACKS 
BOLTS 

LINE
BEATTICE

TITLE:
SCENE OF ACCIDENT INVOLVING JO MITCHELL (#567)
2 1/2 Room 10 RIGHT, CUMBERLAND MAINS
10-14-77, MIDNIGHT SHIFT, @ 4:30 A.M.
WITNESS: JACK STROSSNIDER (4350)
Died 10-22-77 of Myocardial Infarction & Sepsis

Name of Victim: Jo Paul Mitchell

RD 1 - Box 328
Adah, PA 15410

REPORT OF FATAL ACCIDENT

P. H. Hyatt - Mine Inspector

3rd Bituminous District

DESCRIPTION OF THE ACCIDENT

The roof bolter operator had just finished taking the roof bolting machine into the working place after the continuous mining machine had moved out of the area from making a cut. The victim noticed loose ribs on his side of the drill and asked his buddy for a bar to pull down the loose rib rock. While the victim was being handed the bar, the rib collapsed and covered him.

CAUSE OF ACCIDENT

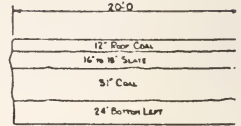
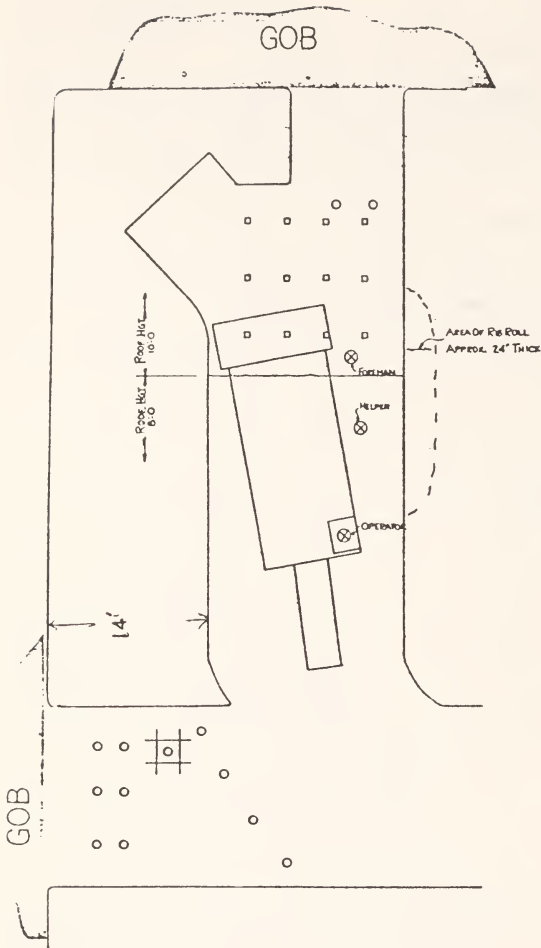
Loose rib rock in the area of the roof bolter after the mining process.

MEANS TO PREVENT A SIMILAR ACCIDENT

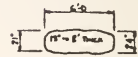
The loose ribs should lie scaled down and loaded out before the roof bolting machine is taken into a place to set roof bolts.

Name of Mine: Nemacolin
Name of Company: Nemacolin Mines Corporation
Date of Accident: October 14, 1977

NAME OF VICTIM: Joseph Grohal
 Name of Mine: Mathies
 Name of Company: Consolidation
 Coal Company
 Date of Accident: November 9, 1977



MATERIAL TOPPED FROM RIB



MATERIAL REMOVED FROM FOREMAN

DECEASED: JOE GROHAL
 FOREMAN - AGE 59

INJURED: BRIAN MURPHY
 MINER HELPER - AGE 22

Name of Victim: Joseph Grohal

418 Arnold Avenue
Strabane, PA 15363

REPORT OF FATAL ACCIDENT

J. Hunter — Mine Inspector
R. Vicinelly
F. Shoaf

6th Bituminous District

DESCRIPTION OF THE ACCIDENT

At approximately 11:20 p.m. on the night of November 9, 1977, the continuous mining machine had finished mining coal in the side cut as it was quitting time. The miner operator was directed to start backing his machine out of the place. The foreman, Joseph Grohal, was up ahead of the operator toward the cutting heads of the machine' and, Mr. Brian Murphy, the utility man, was in between him and the operator.

The operator was in the act of tramping the machine out and looking in the direction of travel. He (the operator) said he thought he heard something fall, when he turned around to look. A rib had rolled over and partially covered Mr. Grohal; and, also partially covered Mr. Murphy's legs.

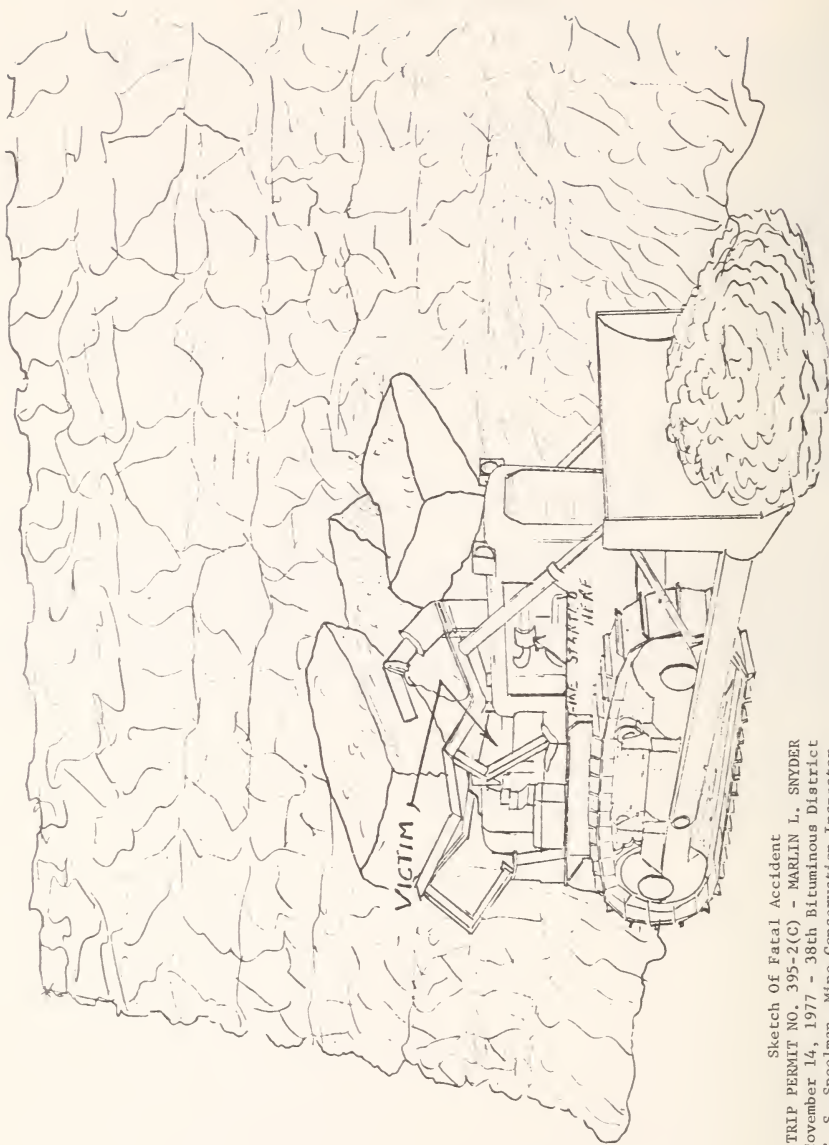
CAUSE OF ACCIDENT

Right rib (20' L x 3'H x 2'T) rolled and partially covered the victim.

MEANS OF PREVENTING A SIMILAR ACCIDENT

It shall be the duty of the mine foreman and/or assistant mine foreman and the machine operator to see that when the miner is being trammed into or out of the working place, no one shall be along the side or in front of the miner. Roof and ribs shall be examined as required by Law. When doubtful ribs are encountered, they shall be taken down or secured. It shall be the responsibility of the mine foreman or his assistant to see that doubtful ribs or sides are within ten (10) days for approval on methods of securing ribs or sides. It shall be the responsibility of the mine foreman to see that a training program is started on how to examine ribs and methods of securing them.

Name of Mine: Mathies
Name of Company: Mathies Coal Company
Date of Accident: November 9, 1977



Sketch Of Fatal Accident
STRIP PERMIT NO. 395-2(C) - MARLIN L. SNYDER
November 14, 1977 - 38th Bituminous District
C. S. Speelman, Mine Conservation Inspector

REPORT OF FATAL ACCIDENT

Charles S. Speelman, Mine Conservation Inspector

(Accident occurred in District #38, where we had no Inspector at that time.) Inspector Speelman, District #36, accompanied by Inspector William Smith, District #39, conducted the investigation.)

On November 14, 1977, at approximately 1:58 p.m., a dozer operator, 53 years of age, with approximately 30 years experience at this occupation, was fatally injured when the highwall caved in as he was operating the dozer parallel to the highwall, at a surface mine operation of Marlin L. Snyder under Mining Permit No. 395-2(C) in Ringgold Township, Jefferson County.

DESCRIPTION OF THE ACCIDENT

Since there were no eye witnesses, it is assumed that the victim was operating a dozer with the operator side of machine near the highwall. Dozer was approximately 15 ft. from bottom of highwall when a sandrock highwall (of an estimated 30 ft.) collapsed, covering dozer and crushing victim.

CAUSE OF THE ACCIDENT

Actual cause of the accident is unknown, as there were no eye witnesses.

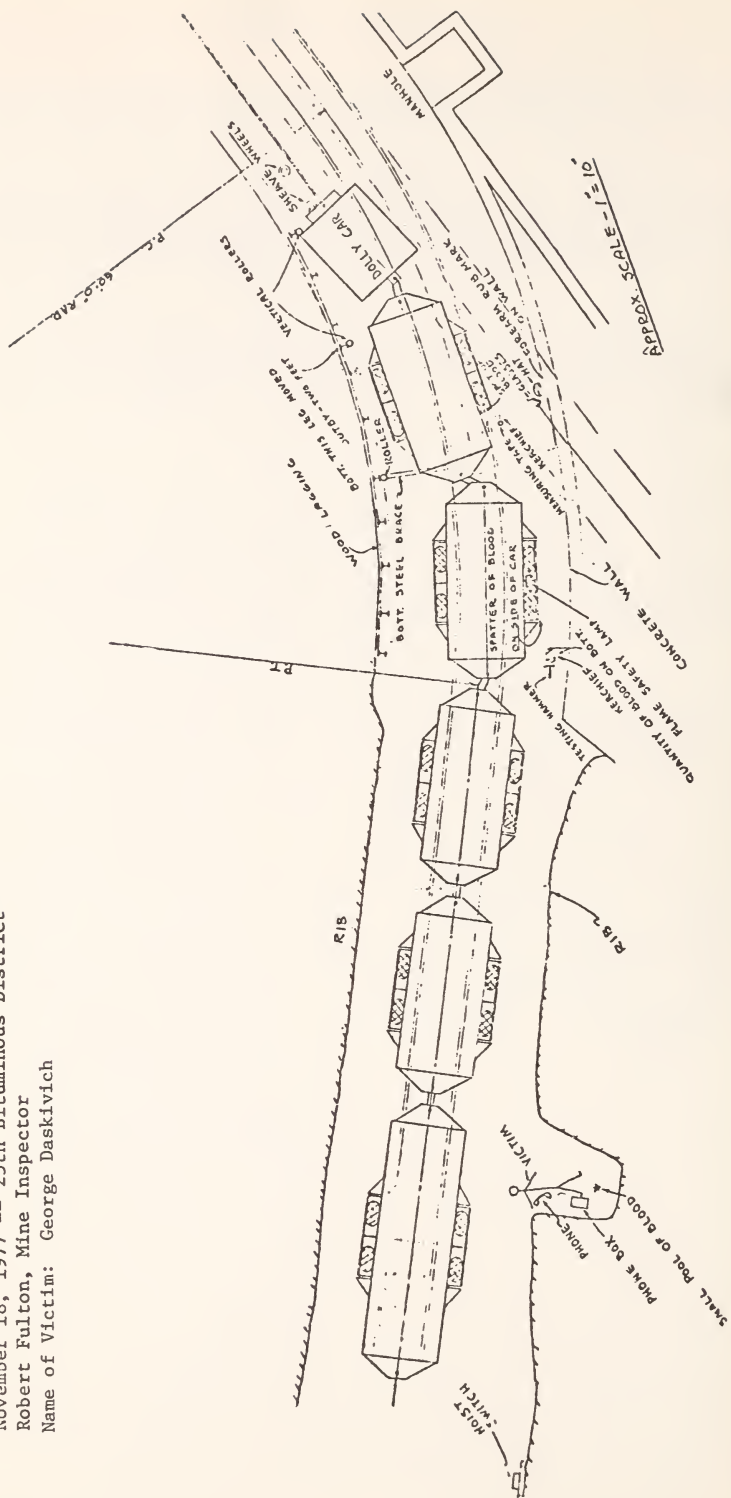
MEANS OF PREVENTING A SIMILAR ACCIDENT

Company should caution machine operators of any dangers. Machine operators should follow instructions of supervisors. When workmen are employed to work by themselves, at least two visits should be made to the workmen's place of work.

RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident lies with the victim for ignoring existing dangers and working conditions.

Sketch of Fatal Accident
 Lucerne No. 6 Mine Slope -- Helvetia Coal Company
 November 18, 1977 -- 25th Bituminous District
 Robert Fulton, Mine Inspector
 Name of Victim: George Daskivich



Name of Victim: George Daskivich

RD 2
Homer City, PA 15748

REPORT OF FATAL ACCIDENT

Robert E. Fulton, Investigating — Mine Inspector

25th Bituminous District

DESCRIPTION OF THE ACCIDENT

The victim was performing the duties of an Assistant Mine Foreman in making an examination of the slope. He was subsequently involved in a derailment and was found dead fifty feet from the accident. There were no witnesses.

CAUSE OF ACCIDENT

Since there were no witnesses, the exact cause of the accident could not be determined even though a complete and thorough investigation of the area and equipment was conducted.

MEANS OF PREVENTING A SIMILAR ACCIDENT

1. Post signs indicating that management and the Department have issued orders prohibiting all persons from riding the slope hoist dolly or supply cars. (Post signs at slope top and bottom and at each portal).
2. Only those persons designated by the mine foreman shall be permitted to operate the hoist.
3. The activator and emergency stop switch should be in a place of safety; while a designated person activates the slope hoist, he shall be in such a place of safety and shall remain there until the audio-visual system signals that the trip has reached the surface, or he is otherwise assured of his safety.
4. Keep slope bottom free of obstructions and keep well lighted.
5. Put date board at bottom, center, and top of slope.
6. Maintain mine phone at bottom of slope in operating condition. In the event a phone is not operating, steps shall be taken immediately to repair it and a warning sign shall be placed on the phone as long as it is not operating.

Name of Mine: Lucerne #6

Name of Company: Helvetia Coal Company

Date of Accident: November 18, 1977

ANTHRACITE REGION STATISTICAL REPORTS

ANTHRACITE REGION

Production, Employees, Fatalities, 1870 to 1977

Year	Production (Net Tons)	Washery and Bank Production*	Stripping Production*	Employees	Fatal- ities	Produc- tion per fatality	Fatal- ities Per 1,000,000 Tons Pro- duced	No. of Mine In- spec- tors
	#			#	#	#	#	#
1870	14,172,004			35,600	211	67,166	14.89	5
1871	15,532,252			37,488	210	73,963	13.52	5
1872	15,567,973			44,745	223	69,811	14.32	5
1873	21,001,521			48,199	264	79,551	12.57	5
1874	19,930,240			53,402	231	86,278	11.59	5
1875	23,402,646			69,966	238	98,330	10.17	6
1876	23,440,666			70,474	228	102,810	9.73	6
1877	24,727,213			66,842	194	127,460	7.85	6
1878	20,900,966			63,964	187	111,770	8.95	6
1879	31,036,600			68,847	262	118,460	8.44	6
1880	27,974,532			73,373	202	138,488	7.22	6
1881	34,202,558			76,031	273	125,284	7.98	7
1882	35,057,430			82,200	295	118,839	8.41	6
1883	37,747,369			91,421	323	116,865	8.56	6
1884	36,468,738			101,073	332	109,846	9.10	6
1885	38,232,155			100,320	332	115,157	8.68	7
1886	38,950,932			103,044	279	139,609	7.16	7
1887	42,156,300			106,517	316	133,406	7.50	7
1888	46,635,037			122,218	364	128,118	7.81	8
1889	43,650,768			119,646	397	109,952	9.09	8
1890	44,986,286			119,919	378	110,011	8.40	7
1891	49,701,322			123,308	428	116,125	8.61	8
1892	51,226,978			130,300	418	122,553	8.16	8
1893	52,841,110	c		138,069	456	115,880	8.63	8
1894	50,966,920	386,960		139,939	446	114,276	8.75	8
1895	56,948,756	386,534		143,705	421	135,270	7.39	8
1896	53,843,250	527,809		150,088	502	107,257	9.32	8
1897	52,581,036	732,743		149,557	423	124,305	8.04	8
1898	52,812,675	697,759		142,420	411	129,498	7.78	8
1899	60,518,331	1,055,426		140,604	461	131,276	7.62	8
1900	57,363,396	1,818,170		143,824	411	139,570	7.16	8
1901	67,094,665	2,009,864		147,651	513	130,789	7.65	8
1902	41,340,935	2,965,792		148,139	300	137,803	7.26	8
1903	75,232,585	4,119,258		151,827	518	145,237	6.89	15
1904	73,594,369	3,440,420		161,330	595	123,688	8.08	15
1905	78,647,020	3,897,688		168,254	644	122,123	8.19	15
1906	72,139,510	4,880,402		166,175	557	129,514	7.72	19
1907	86,056,412	5,630,169		168,774	708	121,549	8.23	20
1908	83,543,243	4,635,923		174,503	678	123,220	8.12	20
1909	80,223,833	5,206,562		171,195	567	141,488	7.07	20
1910	83,683,994	5,412,167		168,175	601	139,241	7.18	20
1911	90,917,176	4,555,457		173,338	699	130,067	7.69	21
1912	84,426,869	4,317,161		175,098	601	140,477	7.12	21
1913	91,626,964	2,934,157		175,310	624	146,838	6.81	21
1914	91,189,641	2,702,537		180,899	600	151,983	6.58	21
1915	89,377,706	3,418,427		177,339	588	152,003	6.58	21
1916	87,680,198	4,432,606		159,169	565	155,186	6.44	25
1917	100,445,299	6,408,227		156,148	581	172,883	5.78	25
1918	99,445,794	7,246,454		148,226	556	178,859	5.59	25
1919	87,838,024	3,616,675		153,780	636	138,110	7.24	25
1920	89,636,036	5,435,697		149,117	490	182,931	5.47	25
1921	90,358,642	1,842,096		161,926	546	165,492	6.04	25
1922	53,910,201	2,525,402		159,880	300	179,701	5.56	25
1923	92,653,641	4,212,001		158,764	515	179,910	5.56	22
1924	87,277,449	1,141,796		162,503	496	175,963	5.68	22
1925	61,334,145	894,187		163,825	401	152,953	6.54	18
1926	83,874,500	1,365,175		168,734	455	184,340	5.42	18
1927	79,367,154	1,841,440		167,648	492	161,315	6.20	25
1928	74,552,312	1,614,863		160,721	447	166,784	6.00	25
1929	72,985,844	878,599		153,422	483	151,109	6.62	25
1930	68,776,559	890,389		151,171	444	154,902	6.46	25
1931	59,115,387	1,468,572	%	138,400	384	153,946	6.50	25

Year	Production (Net Tons)	Washery and Bank Production*	Stripping Production*	Employees	Fatal- ities	Produc- tion per fatality	Fatal- ities Per 1,000,000 Tons Pro- duced	No. of Mine In- spec- tors
1932	49,501,511	1,062,853	3,545,948	119,480	243	203,710	4.91	21
1933	49,507,577	2,090,996	4,308,811	102,469	232	213,395	4.69	21
1934	56,798,951	1,516,393	4,461,894	106,251	260	218,458	4.58	19
1935	51,359,111	1,876,700	4,962,514	100,539	267	192,256	5.20	17
1936	54,264,016	1,411,988	3,757,678	99,704	241	225,162	4.44	16
1937	51,700,296	1,882,026	5,014,052	99,117	212	243,869	4.10	22
1938	46,269,511	2,031,432	5,080,344	96,998	223	207,487	4.82	20
1939	51,399,707	2,347,269	5,308,049	93,352	210	244,761	4.09	24
1940	51,526,454	2,599,280	6,010,364	90,790	182	283,112	3.53	23
1941	53,942,177	3,689,538	7,855,945	88,849	189	285,408	3.50	22
1942	57,939,629	4,045,970	9,657,307	83,707	225	257,509	3.88	22
1943	60,511,730	7,715,860	8,688,896	79,369	218	277,577	3.60	23
1944	64,112,589	10,527,481	10,925,619	78,145	171	374,927	2.67	24
1945	55,901,235	9,454,205	10,521,174	76,265	137	408,038	2.45	23
1946	61,978,710	9,214,678	12,912,992	80,556	169	366,738	2.73	24
1947	58,227,985	7,076,796	12,691,382	80,730	165	352,897	2.83	24
1948	59,108,810	6,735,688	13,485,837	80,390	131	451,212	2.22	26
1949	44,710,118	4,823,144	11,081,087	79,209	92	485,980	2.06	26
1950	46,339,255	4,027,249	12,291,325	75,231	86	538,829	1.86	25
1951	42,389,055	4,843,834	11,376,379	70,357	94	450,927	2.22	25
1952	40,067,130	4,710,495	11,019,185	66,483	92	435,512	2.30	25
1953	30,495,391	3,892,083	8,883,984	56,952	59	516,871	1.93	25
1954	26,612,312	3,055,528	7,852,186	44,731	47	566,219	1.76	24
1955**	25,934,792	3,618,121	7,826,029	37,397	60	432,247	2.31	20
1956	28,175,633	4,336,168	8,527,613	35,029	54	521,771	1.92	18
1957	25,163,466	4,356,958	7,831,511	32,767	51	493,401	2.03	21
1958	20,456,474	2,711,152	7,001,422	26,738	31	659,886	1.52	20
1959	19,670,615	2,981,696	7,272,661	24,112	46	427,622	2.34	20
1960	17,721,113	3,006,803	7,138,743	20,269	35	506,318	1.98	23
1961	16,506,612	2,418,433	7,279,371	16,971	19	868,769	1.15	23
1962	16,496,315	2,829,421	6,942,675	14,704	26	634,474	1.58	22
1963	17,411,202	2,965,213	7,552,995	14,323	30	580,373	1.72	22
1964	16,524,687	3,013,307	7,248,900	13,584	24	688,529	1.45	22
1965	14,229,817	2,611,189	5,996,536	11,839	8	1,778,727	0.56	21
1966	12,031,375	2,662,558	5,317,432	9,621	5	2,406,275	0.41	21
1967	11,552,441	3,335,557	4,910,209	7,828	9	1,283,605	0.78	21
1968	11,025,482	3,571,862	4,918,353	6,682	4	2,756,370	0.36	16
1969	10,165,805	3,319,018	4,696,123	6,461	13	781,985	1.28	16
1970	9,248,011	2,956,707	4,624,610	6,286	4	2,312,002	0.43	16
1971	8,187,961	2,492,178	4,450,457	5,816	2	4,093,980	0.24	16
1972	6,462,093	2,072,658	3,492,444	4,431	3	2,154,031	0.47	16
1973	6,293,013	2,305,265	3,284,905	4,053	1	6,293,013	0.16	12
1974	6,090,421	2,645,613	2,812,618	3,831	2	3,045,210	0.32	12
1975	5,628,741	2,520,415	2,511,703	3,877	1	5,628,741	0.17	14
1976	5,291,776	1,817,306	2,958,115	3,641	1	5,291,776	0.18	13
1977	5,060,689	1,663,864	2,896,979	3,603	11	460,063	2.17	13

* Included in total production

No accurate record previous to 1870

cc No accurate record previous to 1894

% No accurate record previous to 1932

** In 1955 and subsequent years the production, employes, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in this report.

ANTHRACITE REGION
PRODUCTION OF COAL, EMPLOYES, AND FATALITIES BY COUNTY

1977

County	Deep Production	Strip Mined Production	Bank Mines Production	Total Production	Deep Em- ploys	Strip Em- ploys	Bank Em- ploys	Breaker & Washery Em- ploys	Total Em- ploys	Fatal Acci- dents	Nonfatal Acci- dents	Production Per Fatal
Bradford	-	26,188	-	26,188	-	14	-	-	14	-	-	-
Carbon	-	86,723	60,996	147,719	-	39	7	9	55	-	-	-
Columbia	24,462	26,955	-	51,417	42	33	-	-	75	-	5	-
Dauphin	8,689	-	12,540	21,229	12	-	3	19	34	-	-	-
Lackawanna	-	18,653	123,243	141,896	-	14	29	70	113	-	17	-
Luzerne	-	926,158	277,610	1,203,768	-	325	64	293	682	2	40	601,884
Northumberland	59,651	254,807	424,979	739,437	121	203	14	165	504	-	59	-
Schuylkill	407,044	1,505,287	764,496	2,676,827	530	765	131	672	2,098	9	202	297,425
Sullivan	-	52,208	-	52,208	-	19	-	9	28	-	-	-
REGION TOTAL	499,846	2,896,979	1,663,864	5,060,689	706	1,412	248	1,237	3,603	11	323	460,063

SUMMARY OF ANTHRACITE MINES PRODUCTION AND FATALITIES BY DISTRICT

1977

District	Inspector	Operators	Number of Top Bank Mines	Number of Strip Bank Mines	Number of Tip and Strip Plants	Number of Breakers and Mashery	Deep Em-Play-ES	Bank Em-Play-ES	Strip Em-Play-ES	Total Em-Play-ES	Deep Mined Production	Bank Mined Production	Strip Mined Production	Total Production	No. of Fatal Accidents	Pro-duction Per Fatal	Number Non-Fatal Accidents				
1	R. T. Shober	32	-	37	-	30	67	-	-	98	-	408	506	-	442,283	1	442,283	40			
2	L. W. Rogers	30	21	16	-	11	48	2	19	98	65	-	195	358	37,673	385,015	-	105			
3	C. E. Kashner	35	27	4	-	10	41	-	27	100	10	-	99	209	53,954	266,343	-	14			
4	J. J. Halaburda	31	10	13	-	22	45	-	10	45	66	-	360	471	24,763	371,724	-	40			
5	A. E. Hand	30	26	2	-	7	35	6	20	199	6	-	142	347	169,064	185,959	-	2			
6	C. E. Miller	29	25	1	-	4	30	4	21	264	3	-	33	300	214,392	12,540	-	39			
50	H. H. Poole	4	-	-	6	-	6	-	-	-	-	35	-	35	-	80,540	-	-			
53	W. A. Sanders	11	-	-	12	-	12	-	-	-	-	78	-	78	-	114,655	-	11			
56	G. R. Thomas	2	-	-	2	-	2	-	-	-	-	6	-	6	-	4,509	-	-			
57	J. E. Leber	17	-	-	32	-	32	-	-	-	-	209	-	209	-	396,288	-	13			
58	W. A. Dieterle	7	-	-	16	-	16	-	-	-	-	501	-	501	-	1,319,035	1	1,319,035	25		
59	J. R. Ruane	13	-	-	29	-	29	-	-	-	-	230	-	230	-	277,253	-	5			
60	R. E. Whitmer	15	-	-	27	-	27	-	-	-	-	353	-	353	-	704,699	-	29			
REGIONAL TOTAL		256	109	73	124	84	390	12	97	706	248	1,412	1,237	3,603	499,846	1,663,864	2,896,979	5,060,689	11	460,063	323

Due to some Companies operating in more than one District, the actual total number of Anthracite Operators is 220, including 61 Companies operating strip mines.

ANTHRACITE REGION

Production, How Shipped, Average Days Worked, Employees, Explosives
Fatal and Nonfatal Accidents

By Inspection District -- 1977

District	PRODUCTION - NET TONS				EXPLOSIVES							Number of Employees	Fatal Accidents	Non- Fatal Accidents
	Shipped to Market By	Sold to local trade	Used at Mine for steam and heat	Total Production	Ammonium			Dynamite (Pounds used)	Other	Aver- age Days Worked				
					Nitrate (Pounds used)									
1	146,500	243,700	51,798	285	442,283	-	-	-	183	506	1	40		
2	202,175	205,491	14,177	845	422,688	-	30,185	2,800	221	338	-	105		
3	20,195	290,686	9,416	-	320,297	-	-	24,145	212	209	-	14		
4	85,410	287,153	23,351	573	396,487	-	20,234	-	227	471	-	40		
5	29,092	281,679	43,347	905	355,023	-	3,000	126,150	236	347	-	2		
6	65,429	117,376	42,692	1,435	226,932	-	-	166,659	217	300	9	39		
50	-	78,636	1,904	-	80,540	270,200	4,680	-	217	35	-	-		
53	29,664	58,201	26,764	26	114,655	2,949,840	20,450	-	224	78	-	11		
56	-	4,509	-	-	4,509	-	300	-	151	6	-	-		
57	131,768	243,497	21,023	-	396,288	5,008,909	92,850	-	222	209	-	13		
58	659,588	570,275	85,987	3,185	1,319,035	17,030,862	565,650	-	306	501	1	25		
59	79,171	191,702	6,380	-	277,253	1,961,913	17,000	-	214	230	-	5		
60	273,379	337,552	93,768	-	704,699	5,422,010	509,437	1,973	223	353	-	29		
REGION TOTAL	1,722,371	2,910,457	420,607	7,254	5,060,689	32,643,734	1,263,786	321,727	229	3,603	11	323		

SUMMARY OF EMPLOYES BY DISTRICT

ANTHRACITE REGION--1977

INSIDE EMPLOYEES										OUTSIDE EMPLOYEES							Total Inside & Outside
District	Foreman	Miners	Miners Laborers	All Others	Total Inside	Super- intendents	Office	Washery	All Others	Total Outside							
1	-	-	-	-	-	9	-	408	89	506	506						
2	19	33	7	1	60	3	3	195	97	298	358						
3	24	42	9	-	75	2	-	99	33	134	209						
4	12	19	6	1	38	6	1	360	66	433	471						
5	30	88	39	8	165	3	-	142	37	182	347						
6	38	85	84	6	213	3	2	33	49	87	300						
50	-	-	-	-	-	6	-	-	29	35	35						
53	-	-	-	-	-	12	-	-	66	78	78						
56	-	-	-	-	-	1	-	-	5	6	6						
57	-	-	-	-	-	33	-	-	176	209	209						
58	-	-	-	-	-	59	-	-	442	501	501						
59	-	-	-	-	-	14	-	-	216	230	230						
60	-	-	-	-	-	24	-	-	329	353	353						
REGION TOTAL	123	267	145	16	551	175	6	1,237	1,634	3,052	3,603						

ANTHRACITE REGION
OPERATORS PRODUCING 25,000 OR MORE TONS
1977

<u>District</u>	<u>Operator</u>	<u>Production</u>
1,2,57,58	Jeddo-Highland Coal Company	698,918
4,58	Bethlehem Mines Corporation	511,539
2,3,4,57,59,60	Reading Anthracite Company	488,700
3	Heckla Machinery & Equipment Company	232,989
1,57,58	Beltrami Enterprises, Inc.	232,038
5,6,60	Leon E. Kocher Coal Company	206,029
5	Devils Hole Coal Company	165,480
2	Gilberton Coal Company	159,617
2	B-D Mining Company	121,045
4	Eagle Hill Coal Company	110,108
59	Kerris & Helfrick, Inc.	105,834
58	Brook Contracting Corporation	105,757
60	C-L-S Coal Company	105,704
4,60	Schuylkill Contracting Company	88,863
1,53	F. J. & F. Coal Company	73,484
60	Swatara Coal Company	73,246
57,58	Lehigh Valley Anthracite Company	70,938
4	C. & T. Coal Company, Inc.	60,996
57	Gale Coal Company	59,282
58	Tri County Land & Coal Company	54,647
59	Rosini Coal Company	54,573
1	Ken Pollock, Inc.	54,491
1	Carrier Coal Company, Inc.	51,703
53	Lucky Strike Coal Company	49,855
50	John Percival	48,208
5	Bush Coal Company	47,557
57	Gowen Coal Company	41,807
4,5	Manbeck Dredging Company, Inc.	41,574
1,2,50	Giza & Oley Enterprises	41,191
59	Split Vein Coal Company	40,411
60	G.M.P. Land Company, Inc.	35,273
1	Heavy Media, Inc.	33,373
57,58	N & L Coal Company	31,084
6	Williamson Coal Company	29,367
5,6	Hatter Coal Company	28,414
53	Kaminski Brothers, Inc.	28,091
50	Jones & Brague Mining Company	26,188

ANTHRACITE FATAL ACCIDENT VICTIMS--1977

Dis- trict	Name of Victim	Victim's Address	Company	Mine	Date of Accident	Cause of Accident
1	Bernard Kopechinski	Sandy Run	Jeddo-Highland Coal Co.	Hazleton Shaft Breaker	Jan. 3	Machinery (Outside)
6	Gary L. Klinger	Hegins	Leon E. Kocher Coal Co.	Porter Tunnel	Mar. 1	Inrush of water
6	Philip Sabatino	Hegins	"	"	"	"
6	Ralph H. Remminger	Donaldson	"	"	"	"
6	Donald Schoffler	Gordon	"	"	"	"
6	Ronald R. Herb	Valley View	"	"	"	"
6	Dennis L. Morgan	Valley View	"	"	"	"
6	John Moyer	Ashland	"	"	"	"
6	Timothy L. Grose	Ashland	"	"	"	"
6	Mark Kroh	Good Spring	"	"	"	"
58	Robert Bradford	Freeland	Beltrami Enterprises, Inc.	Strip Permit No. 816-4	Mar. 12	Stripping

CAUSES OF FATAL ACCIDENTS BY COUNTY--1977

Cause	Bradford	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Total	Percent of Total Accidents
Machinery (Outside)	-	-	-	-	-	1	-	-	-	1	9.00%
Inrush of Water (Inside)	-	-	-	-	-	-	-	9	-	9	82.00%
Stripping	-	-	-	-	-	1	-	-	-	1	9.00%
Total	-	-	-	-	-	2	-	9	-	11	100.00%
Percent of Total Accidents	-	-	-	-	-	18.00%	-	82.00%	-	-	100.00%

ANTHRACITE
ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED
1847---1977

Year	Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
1847	Feb.	Spencer	Spencer Coal Co.	Portsville	Explosion of gas	7
1869	Sep.	Avondale	Delaware, Lackawanna & Western Railroad Co.	Plymouth	Mine fire	110
1870	Mar.	Potts	Locust Dale Coal Co.	Locust Dale	Boiler Explosion	5
1870	Aug.	Heins & Glassmire	Heins & Glassmire	Middleport	Cage fell down shaft	9
1870	Aug.	Preston No. 3	Preston Coal & Improvement Co.	Girardville	Car fell down slope	7
1871	May	West Pittston	Lehigh Valley Railroad Co.	West Pittston	Suffocated by smoke from burning breaker	20
1873	June	Otto Red Ash	Cain, Hacker & Cook	Branch Dale	Explosion of gas	5
1877	May	Henry Clay	Langdon & Co., R.	Shamokin	Explosion of gas	10
1877	May	Wadesville	Wadesville Shaft Colliery	Shamokin	Explosion of gas	7
1878	Jan.	Potts	Philadelphia & Reading Coal & Iron Co.	Locust Dale	Explosion of gas	5
1879	May	Audenried	Lehigh & Wilkes-Barre Coal Co.	Audenried	Explosion of gas	6
1880	May	Mill Creek	D. & H. Canal Co.	Mill Creek	Explosion of gas	5
1882	May	Lykens Valley	Short Mountain & Lehigh Valley Coal Co.	Shamokin	Explosion of gas	5
1884	Aug.	Kohinoor	Heckscher & Co., R.	Shenandoah	Explosion of gas	5
1885	Apr.	Buck Ridge	Philadelphia & Reading Coal & Iron Co.	Shamokin	Mine fire	7
1885	Apr.	Cuyler	Heaton & Co., S. M.	Raven Run	Fall of Roof	10
1885	Aug.	West End	West End Coal Co.	Mocanaqua	Suffocated by gas from boiler fire	10
1885	Oct.	Plymouth No. 2	D. & H. Coal Co.	Plymouth	Explosion of gas	6
1886	Dec.	Nanticoke No. 1	Susquehanna Coal Co.	Nanticoke	Inrush of quicksand	26
1886	Aug.	Fair Lawn	Fair Lawn Coal Co.	Scranton	Explosion of gas	6
1886	Sep.	Marvine	D. & H. Coal Co.	Scranton	Suffocated by gas	8
1887	Nov.	Conyngham	D. & H. Coal Co.	Wilkes-Barre	Explosion of gas	12
1887	Apr.	Tunnel	Philadelphia & Reading Coal & Iron Co.	Ashland	Suffocated by gas	5
1889	Oct.	1 East	L. C. & N. Co.	Big Mine Run	Explosion of gas	5
1889	May	Kaska, William	Lehigh & Wilkes-Barre Coal Co.	Middleport	Car fell on cage in shaft	10
1890	Feb.	1 Nottingham	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	8
1890	Mar.	3 Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Nanticoke	Explosion of gas	8
1890	Apr.	2 Susquehanna No. 4	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5
1891	May	15 Jersey No. 8	Lehigh & Wilkes-Barre Coal Co.	Ashley	Explosion of gas	26
1891	Feb.	4 Spring Mountain No. 1	Spring Mountain Coal Co.	Jeanesville	Drowned-water from old workings	13
1891	Oct.	23 Richardson	Philadelphia & Reading Coal & Iron Co.	Glen Carbon	Suffocated by gas	7
1891	Nov.	8 Susquehanna No. 1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	12
1892	Apr.	20 Lytle	Lytle Coal Co.	Minersville	Drowned-water from old workings	10
1892	July	23 York Farm	Lehigh Valley Coal Co.	Pottsville	Explosion of gas	15
1893	Apr.	1 Neilson	Langdon & Co., Inc., A. L.	Shamokin	Mine fire	10
1893	July	22 Susquehanna No. 1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1977

Year	Date	Colliery	Company	Location	Cause of Accident	Number Killed
1893	Sep. 21	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	6
1894	Feb. 13	Gaylord	Kingston Coal Co.	Plymouth	Fall of Roof	13
	July 17	East Sugar Loaf	Linderman & Skeer	Stokton	Explosion of powder & dynamite	8
	Oct. 8	Luke Fidler	Mineral Railroad & Mining Co.	Shamokin	Mine fire	5
1895	Oct. 11	Henry Clay	Philadelphia & Reading Coal & Iron Co.	Shamokin	Boiler explosion	6
	Feb. 18	West Bear Ridge	Philadelphia & Reading Coal & Iron Co.	Mahanoy Plane	Explosion of gas	5
	Oct. 7	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	7
1896	June 28	Twin	Newton Coal Co.	Pittston	Fall of Roof	58
	Oct. 29	S. Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
1897	Jan. 13	Wadesville	Philadelphia & Reading Coal & Iron Co.	Wadesville	Crosshead fell down shaft	5
	Sep. 28	Jermyn No. 1	Jermyn & Co.	Rendham	Mine fire	5
1898	Oct. 30	Von Storch	D. & H. Coal Co.	Scranton	Mine fire	6
	May 26	Kaska, William	Dodson Coal Co.	Middleport	Drowned-water from old workings	6
	Oct. 1	Midvale	Lehigh Valley Coal Co.	Wilkes-Barre	Mine fire	5
1900	Nov. 5	Exeter	Lehigh Valley Coal Co.	West Pittston	Car fell on cage in shaft	9
1901	Oct. 25	Buck Mountain	Lehigh Valley Coal Co.	Mahanoy City	Explosion of gas	7
1902	Nov. 29	Buttonwood	Parrish Coal Co.	Plymouth	Explosion of gas	6
	Nov. 29	Luke Fidler	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	7
1904	Dec. 9	S. Wilkes-Barre	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	5
	Jan. 30	Maple Hill	Philadelphia & Reading Coal & Iron Co.	Mahanoy City	Explosion of powder & dynamite	5
	May 5	Lance	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of powder & dynamite	5
	May 5	Locust Gap	Philadelphia & Reading Coal & Iron Co.	Locust Gap	Mine fire	5
	May 25	Williamstown	Summit Branch Mining Co.	Williamstown	Suffocated by gas from mine locomotive	10
1905	Nov. 2	Auchincloss	Delaware, Lackawanna & Western Railroad Co.	Nanticoke	Falling down shaft	10
	Feb. 18	Lytle	Lytle Coal Co.	Minersville	Fall of Roof	5
	Mar. 9	Clear Spring	Clear Spring Coal Co.	West Pittston	Falling down shaft	7
	Apr. 26	Corryham	D. & H. Coal Co.	Wilkes-Barre	Falling down shaft	10
1906	May 15	Shenandoah City	Philadelphia & Reading Coal & Iron Co.	Shenandoah	Explosion of powder & dynamite	7
	Aug. 6	Susquehanna No. 7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	6
1907	Mar. 2	Holden	Delaware, Lackawanna & Western Railroad Co.	Taylor	Explosion of gas	7
1908	June 18	Johnson No. 1	Scranton Coal Co.	Priceburg	Explosion of gas	12
	May 12	Mount Lookout	Temple Iron Co.	Wyoming	Explosion of gas	7
	May 13	Prospect	Lehigh Valley Coal Co.	Midvale	Fall of Roof	5
	July 15	Williamstown	Summit Branch Mining Co.	Williamstown	Explosion of powder & dynamite	6
1909	Aug. 28	Warrior Run	Lehigh Valley Coal Co.	Pittston	Mine cars	8
	Mar. 2	Pennsylvania No. 14	Pennsylvania Coal Co.	Nanticoke	Explosion of gas	6
	Nov. 9	Auchincloss	Glen Alden Coal Co.	Nanticoke	Mine fire	9
1910	Jan. 11	Nottingham	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
	Mar. 12	S. Wilkes-Barre No. 5	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	7
1911	Apr. 7	Pancoast	Price-Pancoast Coal Co.	Throop	Mine fire	72
	May 10	Plymouth No. 5	Delaware & Hudson Co.	Dorranctown	Suffocated by gas from underground fire	5
	May 27	Cameron	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	5

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1977

Year	Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
1911	Sep. 12	Marvine	Delaware & Hudson Co.	Scranton	Mine Cars	5
1912	Oct. 3	Drifton No. 2	Coxe Bros. Co., Inc.	Freeland	Cave-in	5
1912	Jan. 9	Parrish	Parrish Coal Co.	Plymouth	Explosion of gas	6
1913	Aug. 2	East Brookside	Philadelpha & Reading Coal & Iron Co.	Tower City	Explosion of gas	20
1914	May 29	Maryd	Maryd Coal Co.	Maryd	Overwinding of cage	6
	May 29	Lehigh No. 4	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	7
	Sep. 16	Diamond	Delaware, Lackawanna & Western Railroad Co.	Scranton	Falling down shaft	13
1915	Feb. 17	Prospect	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	13
1916	Feb. 8	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
	Mar. 9	Hollenback No. 2	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
	Aug. 8	Woodward	Delaware, Lackawanna & Western Railroad Co.	Edwardsville	Explosion of gas	6
1919	June 5	Baltimore Tunnel	Hudson Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	92
	July 8	Lansford	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	8
1921	Mar. 9	Rahn	Lehigh Coal & Navigation Co.	Seek	Explosion of gas	5
1922	Nov. 3	Eddy Creek	Hudson Coal Co.	Scranton	Premature blast	5
1923	Feb. 21	Alliance	Alliance Coal Mining Co.	Midleport	Explosion of gas	5
	June 26	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
	Dec. 8	Mount Jessup No. 2	Mount Jessup Coal Co.	Jessup	Fall of Roof	5
1924	June 6	Loomis	Glen Alden Coal Co.	Nanticoke	Explosion of gas	14
1925	May 22	Woodward	Glen Alden Coal Co.	Edwardsville	Explosion of gas	7
	Aug. 3	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	10
1926	May 6	Randolph	So. Penn Collieries Co.	Port Carbon	Explosion of gas	5
	July 3	Pettebone	Glen Alden Coal Co.	Kingson	Explosion of gas	7
	Oct. 30	Susquehanna No. 7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	9
1927	May 26	Woodward	Glen Alden Coal Co.	Edwardsville	Explosion of gas	7
				Fall of Roof, followed by an explosion of gas		
1928	May 25	Baltimore No. 5	Hudson Coal Co.	Wilkes-Barre	Explosion of gas	10
1930	Aug. 8	Gilberton	Philadelpha & Reading Coal & Iron Co.	Gilberton	Fall of Roof	8
1931	May 29	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
1935	Jan. 21	Gilberton	Philadelpha & Reading Coal & Iron Co.	Gilberton	Explosion of gas	13
	May 7	S. Wilkes-Barre	Glen Alden Coal Co.	Wilkes-Barre	Explosion of gas	7
				Piece of rock fell down shaft, struck cage		
1936	Aug. 27	Clear Spring	Sullivan Trail Coal Co.	West Pittston	Explosion of gas	5
1938	Apr. 27	St. Clair	St. Clair Coal Co.	St. Clair	Explosion of gas	8
	June 2	Voipe	Voipe Mining Co.	Pittston Twp.	Explosion of gas	10
1943	Sep. 24	Primrose	M. & S. Coal Co.	Minersville	Explosion of gas	14
1947	Jan. 15	Nottingham	Glen Alden Coal Co.	Wilkes-Barre	Explosion of gas	15
	Apr. 10	Schoolley	Knox Coal Co.	Exeter Boro.	Explosion of gas	10
	Dec. 11	Franklin	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	8
1951	Mar. 29	Buttonwood	Glen Alden Coal Co.	Wilkes-Barre	Explosion of gas	5
1952	Mar. 27	Holmes Slope	Glen Alden Coal Co.	Hanover Twp.	Explosion of gas	5
			Cano & Martin, Inc.	Forrestville	Drown-blast blew through to old workings	5
1959	Jan. 22	Ewen	Knox Coal Co.	Port Griffith	Drown - river broke into mine	12
1977	Mar. 1	Porter Tunnel	Kocher Coal Co.	Tower City	Inrush of water	9

STUDY OF ANTHRACITE BY COUNTY

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	2,654,820	1,044,724	1,113,048	20,392,400	34,711,150	7,207,553	19,238,222	214,773	655,000	45,759	87,277,449
1930	1,754,134	685,253	867,363	15,312,853	27,456,102	6,749,282	13,673,224	64,071	91,296	122,981	68,776,559
1935	1,703,018	824,803	549,467	10,437,254	21,059,166	5,469,278	10,761,971	179,134	216,010	159,010	51,359,111
1936	1,873,797	1,546,144	400,758	11,154,691	21,315,049	5,208,201	12,333,446	213,847	19,169	198,914	54,264,016
1937	2,076,396	1,251,044	484,403	9,117,509	22,487,109	4,604,212	11,461,545	99,879	15,339	102,858	51,700,296
1938	1,947,771	1,157,913	425,871	8,439,828	20,365,977	4,090,787	9,774,216 a	49,383	7,030	10,975	46,269,511
1939	2,514,152	964,346	476,960	9,198,552	23,377,666	4,815,235	9,885,719 b	36,684	124,791	51,602	51,399,507
1940	2,175,348	1,026,366	505,558	9,259,463	24,632,666	4,499,464	11,242,175 c	50,844	86,149	9,071	51,526,454
1941	2,401,741	1,067,473	345,545	8,973,827	24,316,481	4,934,077	11,822,153 d	49,179	21,686	10,015	53,942,177
1942	2,796,798	998,124	57,479	9,344,388	25,767,343	5,295,913	13,520,462 e	49,113	62,761	47,248	57,939,629
1943	3,150,839	861,015	229,826	9,149,647	24,082,663	5,463,150	17,396,092 f	101,977	73,037	3,484	60,511,730
1944	3,644,877	1,147,941	299,349	9,427,467	24,810,042	5,743,444	18,834,594 g	147,756	46,216	10,903	64,112,589
1945	3,345,258	1,121,288	292,662	9,083,021	21,073,255	5,001,063	16,731,289 h	187,007	66,452	*	55,901,235
1946	3,166,205	1,457,754	141,800	8,038,331	22,770,658	6,342,793	18,111,399	105,862	123,908	*	61,978,710
1947	2,933,809	1,507,884	28,731	8,538,164	21,990,960	6,779,549	16,259,688	46,785	142,415	-	58,227,985
1948	2,801,893	1,679,495	10,254	8,610,881	21,591,846	6,937,340	17,275,544 i	63,230	138,327	-	59,108,810
1949	2,126,682	1,380,732	61,389	8,221,743	15,989,846	5,200,490	13,538,194 j	23,585	167,457	-	44,710,118
1950	1,988,317	1,281,807	52,275	6,526,466	17,112,757	5,211,307	14,066,493 k	26,690	73,143	-	46,339,255
1951	1,894,035	985,177	30,133	5,775,808	14,882,432	5,749,967	13,021,079 m	28,762	21,662	-	42,389,055
1952	1,899,297	760,695	868	5,303,545	13,774,952	5,326,146	12,977,572 n	24,055	-	-	40,067,130
1953	1,561,836	745,649	21,811	3,555,642	10,201,927	4,287,561	10,142,880 o	18,085	-	-	30,495,391
Pro-duction	1,272,419	568,733	52,281	2,903,470	10,675,181	3,283,315	7,836,675	20,238	-	-	26,612,312
(Net	1,749,692	639,990	212,239	2,594,928	9,921,275	2,749,383	8,057,660 p	9,625	-	-	25,934,792
Tons)	1,746,287	841,201	254,495	3,232,566	9,762,753	3,524,853	8,801,402 q	5,715	-	6,361	28,175,633
1956	1,107,042	850,479	195,499	2,680,409	8,389,265	3,415,614	8,518,317 r	6,841	-	-	25,163,466
1957	623,195	888,009	123,861	2,094,170	6,774,033	2,600,831	7,307,839 s	15,174	1,680	-	20,456,475
1958	518,252	692,224	142,720	2,147,827	6,172,748	2,551,604	7,432,081 t	8,052	-	5,107	19,670,615
1959	519,583	474,234	129,002	1,853,008	5,380,696	2,044,599	6,933,916 u	13,828	679	1,568	17,721,113
1960	579,106	464,231	108,542	1,934,971	5,307,953	2,004,278	6,827,844 v	16,534	1,645	1,318	16,506,612
1961	411,185	109,384	179,459	1,079,459	6,090,572	1,702,891	6,383,012 w	10,786	9,512	589	16,496,315
1962	497,925	411,185	324	964,475	6,412,375	2,082,968	6,531,130 x	8,729	-	8,007	17,411,202
1963	727,445	445,749	230,324	964,475	6,412,375	2,082,968	6,531,130 x	8,729	-	-	16,524,687
1964	551,442	910,704	237,555	879,898	5,649,906	2,267,083	6,011,519 y	15,081	-	1,499	14,229,817
1965	444,826	456,272	196,495	660,558	5,346,676	1,600,886	5,538,420 z	23,096	2,395	193	13,377,449
1966	507,724	299,622	167,568	501,187	4,478,217	1,431,414	4,624,032 aa	20,474	1,137	-	12,031,375
1967	545,089	507,236	162,213	431,073	4,192,283	1,417,420	4,261,992 bb	34,766	369	-	11,552,441
1968	533,757	309,860	122,743	558,459	3,476,065	1,680,202	4,297,648	37,159	9,589	-	11,025,482
1969	497,159	327,999	52,613	441,475	3,360,976	1,309,666	4,133,984	40,808	1,125	-	10,165,805
1970	465,359	389,255	85,958	402,420	2,719,940	1,025,830	4,043,335	115,914	-	-	9,248,011
1971	323,810	232,698	45,400	397,957	2,598,269	859,462	3,569,335	125,913	117	-	8,187,961
1972	172,217	128,798	47,040	282,737	2,022,194	957,087	2,786,598	65,422	-	-	6,462,093
1973	98,164	10,565	36,652	124,460	1,960,579	955,362	2,975,474	38,130	3,627	-	6,293,013

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LIZIERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
Total	1974	37,975	73,103	133,287	1,453,190	1,044,012	3,102,366	34,691	7,281	-	6,090,421
Pro-	1975	45,833	25,118	202,320	1,690,049	790,973	2,750,777	28,408	-	-	5,628,741
duction	1976	255,955	25,252	105,428	1,414,307	716,907	2,646,600	57,353	2,386	-	5,291,776
(Net	1977	147,719	21,229	141,896	1,203,768	739,437	2,676,827	78,396 cc	-	-	5,060,689
Tons)											
1924	4,776	2,213	2,043	35,846	63,308	14,660	37,672	708	1,178	99	162,503
1930	4,216	1,757	2,016	36,317	61,114	11,354	33,082	584	457	274	151,171
1935	4,935	1,324	1,012	20,889	43,701	7,757	19,697	596	403	225	100,539
1936	5,517	1,697	888	19,607	44,454	7,525	19,159	611	27	219	99,704
1937	4,282	1,871	877	19,188	45,755	7,489	19,002	426	158	69	99,117
1938	4,713	1,951	918	17,818	45,731	7,473	18,065 a	290	42	20	97,021
1939	4,686	1,943	904	17,875	43,344	7,637	16,494 b	215	235	19	93,352
1940	4,376	1,664	867	16,860	43,238	7,397	16,039 c	187	145	17	90,790
1941	4,446	1,489	587	14,974	43,726	6,815	16,414	144	38	16	88,849
1942	4,433	1,486	553	14,388	39,219	6,498	16,945 e	104	38	43	83,707
1943	4,337	1,316	130	13,064	35,807	6,485	18,052 f	164	14	*	79,369
1944	4,940	1,711	149	12,344	33,660	6,409	18,721 g	211	*	*	76,145
1945	4,588	1,954	195	11,400	32,888	5,877	19,127 h	207	29	*	76,265
1946	4,599	2,162	300	12,010	34,526	6,124	20,613	181	41	*	80,556
1947	4,891	2,319	152	12,381	33,869	6,636	20,302	127	53	*	80,730
1948	4,637	1,963	61	12,222	34,282	6,521	20,523 i	140	41	*	80,390
1949	4,420	1,760	83	11,702	35,040	6,009	20,047 j	104	44	*	79,209
1950	3,739	1,705	125	11,005	33,176	5,852	19,458 k	101	70	*	75,231
1951	3,872	1,496	153	10,410	30,596	5,383	18,159 m	79	9	*	70,357
1952	3,279	1,352	40	9,717	28,512	5,538	17,937 n	63	17	*	66,438
1953	2,987	1,298	71	8,496	23,974	4,949	15,116 o	61	-	-	56,952
1954	2,483	957	72	7,074	17,202	4,090	12,747	106	-	-	44,731
1955 #	2,197	1,121	203	4,954	14,399	4,380	10,123 p	20	-	-	37,397
1956	2,092	1,104	210	4,415	14,218	3,169	9,806 q	7	-	8	35,029
1957	1,892	1,143	191	4,309	12,442	3,239	9,544 r	7	-	-	32,767
1958	837	1,064	167	3,448	9,642	3,022	8,512 s	25	3	18	26,738
1959	853	959	208	3,235	8,397	2,857	7,923 t	22	-	4	24,112
1960	759	583	208	2,937	6,002	2,817	6,928 u	21	4	10	20,269
1961	349	416	201	2,167	5,126	2,689	5,998 v	16	3	6	16,971
1962	339	387	223	1,523	4,558	2,115	5,538 w	13	2	6	14,704
1963	387	369	187	1,239	4,626	1,994	5,497 x	13	14	14	14,323
1964	334	549	188	1,171	4,538	1,948	4,832 y	19	-	5	13,584
1965	288	200	157	992	4,167	1,647	4,363 z	17	-	3	11,839
1966	231	158	117	915	3,428	1,312	3,437 aa	15	5	3	9,621
1967	224	240	90	475	3,021	866	2,892 bb	15	5	-	7,828
1968	198	188	77	421	2,366	765	2,646	15	6	-	6,682
1969	283	154	80	410	2,077	806	2,617	26	8	-	6,461
1970	299	150	71	370	2,038	731	2,591	36	-	-	6,286

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	MAYNE	DIVISION
1971	187	116	60	323	1,799	659	2,534	36	2	-	5,816
1972	250	95	47	284	1,401	493	1,941	20	-	-	4,431
1973	280	24	50	231	1,343	472	1,842	21	6	-	4,053
1974	69	39	44	259	1,149	451	1,807	16	17	-	3,831
1975	63	88	37	111	884	507	2,148	31	8	-	3,877
1976	61	92	38	185	780	501	2,045	33	6	-	3,641
1977	55	75	34	113	682	504	2,098	42 cc	-	-	3,603
1924	1,325,996	498,917	566,352	9,879,932	17,094,203	4,008,190	10,214,942	85,557	350,847	29,203	44,054,141
1930	738,578	257,535	371,794	7,689,354	12,990,705	3,010,032	6,482,976	38,484	52,749	43,458	31,675,665
1935	727,462	178,122	195,668	4,301,651	7,899,403	1,724,406	3,570,398	85,202	87,390	44,585	18,814,287
1936	781,883	367,474	141,498	4,439,859	8,048,873	1,606,329	3,598,172	127,098	4,275	39,496	19,154,957
1937	725,560	378,726	176,737	3,564,769	7,680,115	1,395,236	3,406,363	52,506	13,648	9,714	18,403,374
1938	783,486	372,549	175,948	7,162,859	7,699,347	1,316,707	3,039,160 a	28,581	3,570	3,257	16,585,464
1939	821,611	318,779	185,320	3,225,238	8,234,943	1,483,189	2,888,408 b	21,382	43,656	2,735	17,225,261
1940	789,147	322,265	176,868	3,288,238	7,959,512	1,328,685	3,067,419	24,683	20,590	2,414	16,979,821
1941	846,859	274,325	129,826	3,663,605	8,586,535	1,479,290	3,260,577 d	27,035	5,708	2,544	17,676,304
1942	1,021,633	349,214	21,313	3,462,164	10,163,1813	1,535,344	3,972,274 e	21,884	8,066	9,432	20,565,137
1943	1,156,102	371,130	37,310	3,571,795	9,902,178	1,680,211	4,659,538 f	39,286	3,276	*	21,400,826
1944	1,446,126	500,067	46,488	3,703,717	10,246,301	1,681,792	5,125,620 g	59,589	*	*	22,809,700
1945	1,213,929	522,380	50,878	3,075,875	9,007,593	1,516,281	4,783,602 h	53,892	5,054	*	20,229,484
1946	1,203,296	506,786	22,220	3,308,524	9,599,152	1,572,477	5,179,903	39,356	16,225	*	21,447,939
1947	1,320,100	626,568	2,873	3,382,378	9,602,447	1,790,633	5,639,097	23,233	5,202	*	22,392,531
1948	1,259,080	319,830	12,152	3,409,360	9,641,708	1,725,123	5,130,772 i	28,335	7,704	*	21,534,064
1949	870,672	511,400	9,553	2,618,620	6,578,335	1,405,854	4,338,959 j	12,760	16,320	*	16,362,473
1950	823,173	526,441	24,361	2,541,870	6,642,519	1,961,803	5,035,437 k	14,265	30,131	*	17,600,000
1951	738,600	369,305	27,340	2,420,001	6,110,011	1,693,285	4,340,356 m	13,652	2,250	*	15,715,000
1952	699,734	301,122	10,857	2,041,500	5,989,000	1,149,720	3,790,865 n	12,970	-	-	13,995,768
1953	502,738	211,212	9,945	1,397,249	4,483,055	880,576	2,676,234 o	8,875	-	-	10,169,884
1954	367,751	164,373	15,110	842,153	3,085,312	948,934	2,264,934	5,849	-	-	7,691,416
1955	377,622	152,351	31,643	839,163	3,015,005	519,882	1,768,767 p	1,953	-	-	6,709,836
1956	414,199	202,062	45,290	983,114	2,982,331	666,321	2,009,587 q	2,142	-	544	7,305,590
1957	267,133	213,100	39,381	825,397	2,364,390	670,183	1,803,776 r	1,820	-	-	6,185,180
1958	146,841	181,801	32,798	555,748	1,812,300	558,029	1,574,124 s	4,286	600	3,618	4,870,145
1959	88,229	142,597	32,264	602,415	1,370,903	535,469	1,382,621 t	2,950	-	536	4,157,984
1960	77,790	77,423	33,350	531,703	1,274,306	486,175	1,151,822 u	4,500	340	900	3,638,309
1961	79,052	69,179	32,200	438,525	1,139,925	408,027	1,149,644 v	4,176	363	696	3,321,787
1962	79,582	64,902	33,008	299,472	997,943	390,864	1,123,798 w	2,159	368	246	2,982,942
1963	102,359	55,766	38,158	259,189	1,098,611	432,184	1,100,426 x	1,730	-	2,576	3,090,999
1964	68,057	104,052	37,552	250,347	1,057,471	408,207	1,002,987 y	1,624	310	360	2,930,607
1965	35,696	61,212	27,274	166,990	852,831	297,408	811,710 z	2,693	660	360	2,256,834
1966	43,001	37,688	21,965	107,826	729,437	233,234	652,550 aa	2,221	406	30	1,828,158
1967	45,337	64,373	17,150	96,979	675,177	193,816	611,087 bb	3,749	188	-	1,707,856
1968	52,421	39,626	15,786	100,916	520,398	172,550	593,675	3,762	468	-	1,499,602

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1969	61,244	43,544	15,673	85,247	452,572	153,040	558,604	4,850	132	-	1,374,906
1970	63,872	33,242	14,232	87,360	464,678	150,070	585,841	8,910	-	-	1,408,205
1971	68,115	32,540	13,339	81,681	367,071	134,501	556,815	7,812	68	-	1,261,942
Man-Days	1972	26,077	18,023	68,925	310,811	104,372	410,065	3,888	-	-	950,800
1973	10,390	3,359	9,023	66,728	319,692	99,791	433,118	3,501	510	-	946,112
1974	15,876	8,082	8,942	30,147	221,528	102,778	443,439	2,928	1,882	-	835,402
1975	13,992	12,385	7,773	19,511	181,512	91,520	492,111	4,707	480	-	823,991
1976	13,586	16,586	7,254	18,094	181,300	103,232	503,195	9,690	1,773	-	854,710
1977	13,776	14,135	7,160	19,561	163,339	108,291	487,333	10,248 cc	-	-	823,843
1924	278	225	277	276	270	273	271	121	298	295	271
1930	175	147	184	212	213	265	196	66	115	159	210
1935	147	135	193	206	181	222	181	143	217	198	187
1936	142	215	159	224	181	213	188	208	171	181	193
1937	169	202	201	186	190	186	180	123	86	141	186
1938	166	191	192	178	168	176	168 a	103	85	163	171
1939	175	164	205	180	190	194	175 b	100	186	144	185
1940	180	194	204	195	183	180	191 c	132	142	142	187
Average	1941	190	221	205	196	217	196 d	188	154	159	199
Days	1942	230	39	241	259	236	234 e	210	212	219	246
Worked	1943	267	287	273	277	259	258 f	239	234	*	269
1944	293	292	312	300	304	262	274 g	282	*	*	292
1945	265	267	261	270	274	258	250 h	260	174	*	265
1946	262	234	74	275	257	251	257	217	272	*	266
1947	269	270	139	272	283	269	277	183	255	-	277
1948	272	163	199	279	281	265	250 i	202	188	-	268
1949	197	291	115	224	188	234	216 j	123	260	-	207
1950	220	280	195	235	205	280	250 k	140	280	-	220
1951	193	227	180	230	222	240	241 m	192	233	-	220
1952	223	222	224	250	238	210	215 n	206	250	-	211
1953	168	163	140	164	187	178	177 o	146	-	-	211
1954	168	172	210	148	179	232	178	55	-	-	179
1955	172	136	156	171	209	119	175 p	97	-	-	172
#	1956	198	183	223	210	210	205 q	306	-	68	179
1957	197	186	206	192	190	207	189	260	-	-	209
1958	175	171	196	161	188	185	185 s	171	200	201	182
1959	144	167	155	186	163	187	175 t	134	-	134	172
1960	102	133	160	181	212	173	166 u	214	85	90	180
1961	227	166	160	202	222	242	192 v	261	121	116	196
1962	235	168	148	197	219	185	203 w	166	184	41	204
1963	264	152	204	209	237	217	200 x	133	-	184	216
1964	204	190	200	214	233	210	208 y	85	-	62	216
1965	187	188	171	168	223	180	186 z	158	220	120	191
1966	186	237	188	118	213	178	190 aa	148	81	10	190
1967	202	268	191	204	224	224	211 bb	250	37	-	218

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUTHERIE	NORTHEMMD.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1968	265	146	205	240	220	226	225	251	78	-	224
1969	216	283	195	207	218	190	213	186	16	-	213
1970	214	222	200	236	228	205	226	247	-	-	224
1971	238	281	222	253	204	204	217	217	34	-	217
1972	174	190	184	243	222	212	212	195	-	-	215
Average											
Days											
Worked											
1973	236	207	180	266	238	211	235	167	85	-	233
1974	230	207	203	126	193	228	240	183	99	-	218
1975	222	141	210	176	205	181	229	152	60	-	213
1976	221	180	191	213	233	207	246	294	295	-	235
1977	250	188	211	173	240	215	232	312	-	-	229
1924	11	11	7	125	193	38	110	-	1	-	496
1930	11	-	5	108	164	29	123	-	1	3	444
1935	4	3	7	50	123	16	61	3	-	-	267
1936	4	-	2	50	137	14	34	-	-	-	241
1937	5	6	9	35	102	15	38	1	-	1	212
1938	6	4	5	49	102	13	44	-	-	-	223
1939	7	5	3	46	108	13	27	-	1	-	210
1940	6	2	3	35	93	10	33	-	-	-	182
1941	8	2	2	37	98	7	35	-	-	-	189
1942	4	6	-	35	128	16	36	-	-	-	225
1943	7	5	-	36	103	13	54	-	-	-	218
1944	12	4	1	37	70	15	32	-	-	-	171
1945	6	6	6	27	53	13	32	1	-	-	138
1946	6	6	-	27	79	12	38	1	-	-	169
1947	4	5	-	25	104	13	15	-	-	-	166
1948	5	3	-	19	65	5	34	-	-	-	131
1949	3	1	-	8	60	2	18	-	-	-	92
1950	4	2	-	8	52	9	11	-	-	-	86
1951	4	3	-	13	44	8	22	-	-	-	94
1952	8	5	-	10	37	10	22	-	-	-	92
1953	3	1	-	7	30	3	15	-	-	-	59
1954	1	2	-	7	27	2	8	-	-	-	47
1955	5	-	-	5	32	6	12	-	-	-	60
1956	4	-	-	7	23	6	14	-	-	-	54
1957	3	4	1	7	20	6	10	-	-	-	51
1958	-	1	-	2	15	4	9	-	-	-	31
1959	1	2	-	6	24	4	9	-	-	-	46
1960	1	1	-	11	14	3	5	-	-	-	35
1961	1	1	-	1	10	3	4	-	-	-	19
1962	-	-	-	-	11	1	14	-	-	-	26
1963	1	1	-	3	12	4	9	-	-	-	30

Fatal-
ities

YEAR	CARBON	COLENE IA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1964	-	-	-	1	7	8	8	-	-	-	24
1965	-	2	1	-	2	1	2	-	-	-	8
1966	-	-	-	-	2	-	3	-	-	-	5
1967	-	-	-	-	4	2	3	-	-	-	9
1968	-	-	-	2	2	-	-	-	-	-	4
1969	-	-	-	-	4	1	8	-	-	-	13
1970	-	-	-	-	1	-	3	-	-	-	4
1971	-	-	-	-	1	1	1	-	-	-	2
1972	-	-	-	-	1	-	2	-	-	-	3
1973	-	-	-	-	1	-	-	-	-	-	1
1974	-	-	-	-	-	1	1	-	-	-	2
1975	-	-	-	-	-	-	-	-	-	-	1
1976	-	-	-	-	-	-	1	-	-	-	1
1977	-	-	-	-	2	-	9	-	-	-	11
1924	241,347	94,975	159,007	163,139	179,851	189,672	174,893	-	655,000	-	175,963
1930	159,467	-	173,473	141,786	167,415	232,734	127,425	-	91,296	40,994	154,902
1935	425,755	274,934	78,495	208,745	171,213	341,830	176,426	-	-	-	192,356
1936	468,449	-	200,379	223,094	155,584	372,014	362,748	-	-	-	225,162
1937	415,280	208,507	53,823	260,500	220,462	306,947	301,620	99,879	-	102,858	243,869
1938	324,629	289,478	85,174	172,241	199,664	314,676	222,141	-	-	-	207,487
1939	359,165	192,869	158,987	199,969	216,460	370,403	366,138	-	124,791	-	244,761
1940	362,558	513,813	168,519	264,556	243,785	449,946	340,672	-	-	-	283,112
1941	300,218	533,736	172,773	242,536	248,127	704,868	337,776	-	-	-	285,408
1942	699,200	166,354	-	266,983	201,307	330,995	375,568	-	-	-	257,509
1943	450,120	172,203	-	254,157	233,812	420,242	322,150	-	-	-	277,577
1944	303,740	286,985	299,349	254,796	354,429	382,896	588,581	-	-	-	374,927
1945	557,543	186,871	-	299,371	397,609	284,697	522,853	187,007	-	-	405,081
1946	527,701	242,959	-	335,494	288,236	528,566	495,037	105,862	-	-	366,738
1947	733,452	301,577	-	341,527	211,452	521,504	1,083,979	-	-	-	350,771
1948	560,379	559,832	-	433,204	332,182	1,387,468	508,104	-	-	-	451,212
1949	708,894	1,380,732	-	777,718	266,491	2,600,245	752,121	-	-	-	485,980
1950	497,079	640,904	-	815,808	329,091	579,034	1,278,772	-	-	-	538,829
1951	473,509	328,392	-	444,293	338,237	718,746	591,867	-	-	-	450,947
1952	237,412	152,130	-	530,355	372,296	532,615	589,890	-	-	-	435,512
1953	520,612	745,649	-	507,949	340,064	1,415,834	676,192	-	-	-	516,871
1954	1,272,419	284,366	-	414,781	395,377	1,641,657	979,584	-	-	-	566,219
1955#	349,938	-	-	518,986	310,040	458,231	671,472	-	-	-	432,247
1956	436,572	-	-	461,795	424,468	587,476	628,672	-	-	-	521,771
1957	369,014	212,620	195,499	382,916	419,463	569,269	851,832	-	-	-	493,401
1958	-	886,009	-	1,047,085	451,602	650,208	811,982	-	-	-	659,886
1959	518,252	346,112	-	337,971	257,197	637,901	1,061,726	-	-	-	427,622
1960	519,583	474,234	-	168,455	384,335	804,866	1,386,229	-	-	-	508,318
1961	579,106	-	-	1,194,971	530,795	668,093	1,703,547	-	-	-	868,769
1962	-	-	-	-	533,688	1,702,891	469,279	-	-	-	634,474

YEAR	CARBON	COLIMBITA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1963	727,455	445,749	-	321,491	534,365	520,742	720,548	-	-	-	580,373
1964	-	-	-	879,898	807,129	283,385	747,312	-	-	-	688,529
1965	-	-	-	-	2,673,338	1,600,886	2,747,459	-	-	-	1,788,727
1966	-	208,136	196,495	-	2,239,108	-	1,541,344	-	-	-	2,406,275
1967	-	-	-	-	1,048,071	708,710	1,419,764	-	-	-	1,283,605
1968	-	-	-	279,229	1,738,032	-	-	-	-	-	2,756,370
1969	-	-	-	-	840,244	1,309,666	516,748	-	-	-	2,781,985
Pro-duction Per	-	-	-	-	2,719,940	-	1,347,778	-	-	-	2,312,002
1971	-	-	-	-	-	894,462	3,569,335	-	-	-	4,093,980
Fatal	-	-	-	-	2,022,194	-	1,393,299	-	-	-	2,154,031
1973	-	-	-	-	1,960,574	-	-	-	-	-	6,293,013
1974	-	-	-	-	-	1,044,012	3,102,366	-	-	-	3,045,012
1975	-	-	-	-	-	790,973	-	-	-	-	5,628,741
1976	-	-	-	-	-	-	2,646,600	-	-	-	5,291,776
1977	-	-	-	-	601,884	-	297,425	-	-	-	460,063
1924	8.30	22.05	12.36	12.65	11.29	9.48	10.77	-	2.85	-	11.76
1930	14.89	-	13.45	14.05	12.62	9.63	18.97	-	18.96	69.03	14.02
1935	5.50	16.84	35.77	11.62	15.57	9.28	17.08	35.21	-	-	14.19
1936	5.12	-	14.13	11.26	17.02	8.71	9.45	-	-	-	12.58
1937	6.89	15.84	50.92	9.82	11.75	10.75	11.16	19.04	-	102.94	11.52
1938	7.66	10.74	28.42	15.49	13.25	9.87	14.48	-	-	-	13.45
1939	8.52	15.68	16.19	14.26	13.11	8.76	9.35	-	22.91	-	12.19
1940	7.60	6.21	16.96	10.64	11.68	7.53	10.76	-	-	-	10.72
1941	9.45	7.29	15.41	12.08	11.41	4.73	10.73	-	-	-	10.69
1942	17.18	17.18	-	10.11	12.59	10.42	9.06	-	-	-	10.94
1943	6.05	14.24	-	10.08	10.40	7.74	11.59	-	-	-	10.19
1944	8.30	8.00	21.51	9.99	6.83	8.92	6.24	-	-	-	7.50
Fatal-ities Per	4.94	11.49	-	8.78	5.88	8.57	6.69	18.56	-	-	6.82
1946	4.99	11.84	-	8.16	8.23	7.63	7.34	25.41	-	-	7.88
Million	3.03	7.98	-	7.39	10.83	7.26	2.66	-	-	-	7.41
Man-Days	1948	3.97	9.38	5.57	6.74	2.90	6.63	-	-	-	6.08
1949	3.45	1.96	-	3.06	9.12	1.42	4.15	-	-	-	5.62
1950	4.86	3.80	-	3.15	7.83	4.59	2.18	-	-	-	4.89
1951	5.42	5.42	-	5.37	7.20	4.72	5.07	-	-	-	5.98
1952	11.43	16.60	-	6.18	5.80	5.80	5.80	-	-	-	6.57
1953	5.97	4.73	-	5.01	6.69	3.41	5.60	-	-	-	5.80
1954	2.72	1.22	-	8.34	8.75	2.11	3.53	-	-	-	6.11
1955 #	13.24	-	-	5.93	10.61	11.54	6.78	-	-	-	8.94
1956	9.66	-	-	7.12	7.71	9.00	6.07	-	-	-	7.39
1957	11.23	-	25.39	8.48	8.46	8.94	5.54	-	-	-	8.25
1958	-	18.77	-	3.60	8.28	7.17	5.72	-	-	-	6.37
1959	-	5.50	-	9.96	17.51	7.47	6.51	-	-	-	11.06
1960	11.33	14.03	-	9.96	10.99	6.17	9.62	-	-	-	9.62
1961	12.86	12.92	-	20.68	10.99	6.17	4.34	-	-	-	5.72
1961	12.65	-	-	2.28	8.77	7.35	3.47	-	-	-	5.72

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1962	-	-	-	-	11.02	2.56	12.46	-	-	-	8.69
1963	9.77	17.93	-	11.57	10.92	9.26	8.18	-	-	-	9.71
1964	-	-	-	3.99	6.62	19.60	7.98	-	-	-	8.19
1965	-	32.67	36.66	-	2.35	3.36	2.46	-	-	-	3.54
1966	-	-	-	-	2.74	-	4.60	-	-	-	2.73
1967	-	-	-	-	5.92	10.13	4.91	-	-	-	5.26
1968	-	-	-	19.82	3.84	-	-	-	-	-	2.67
1969	-	-	-	-	8.84	6.53	14.32	-	-	-	9.46
1970	-	-	-	-	2.15	-	5.12	-	-	-	2.84
1971	-	-	-	-	-	8.03	1.80	-	-	-	1.58
1972	-	-	-	-	3.22	-	4.88	-	-	-	3.16
1973	-	-	-	-	3.13	-	-	-	-	-	1.06
1974	-	-	-	-	-	9.72	2.25	-	-	-	2.39
1975	-	-	-	-	-	10.92	-	-	-	-	1.21
1976	-	-	-	-	-	-	1.98	-	-	-	1.16
1977	-	-	-	-	12.24	-	18.47	-	-	-	13.35

Fatal-
ities
Per
Million
Man-Days

EXPLANATION OF SYMBOLS USED IN THIS REPORT

a - Includes	6,184	tons	13	employees,	124	days	and	1,612	man-days	for	Lebanon	County
b - "	13,927	"	5	"	198	"	"	"	990	"	"	"
c - "	17,330	"	13	"	136	"	"	"	1,773	"	"	"
d - "	30,716	"	26	"	187	"	"	"	4,856	"	"	"
e - "	35,641	"	39	"	118	"	"	"	4,593	"	"	"
f - "	21,981	"	22	"	257	"	"	"	5,654	"	"	"
g - "	21,550	"	14	"	210	"	"	"	2,940	"	"	"
h - "	37,690	"	41	"	241	"	"	"	9,881	"	"	"
i - "	21,982	"	6	"	223	"	"	"	1,338	"	"	"
j - "	21,763	"	7	"	226	"	"	"	1,582	"	"	"
k - "	22,978	"	5	"	267	"	"	"	1,335	"	"	"
m - "	26,657	"	13	"	308	"	"	"	2,020	"	"	"
n - "	24,767	"	11	"	286	"	"	"	2,156	"	"	"
o - "	6,560	"	10	"	46	"	"	"	460	"	"	"
p - "	3,752	"	20	"	120	"	"	"	2,480	"	"	"
q - "	6,359	"	22	"	107	"	"	"	2,358	"	"	"
r - "	3,550	"	5	"	188	"	"	"	940	"	"	"
s - "	9,106	"	6	"	98	"	"	"	588	"	"	"
t - "	4,450	"	6	"	153	"	"	"	910	"	"	"
u - "	2,770	"	3	"	230	"	"	"	690	"	"	"
v - "	13,634	"	5	"	72	"	"	"	360	"	"	"
w - "	13,101	"	7	"	118	"	"	"	824	"	"	"
x - "	26,192	"	15	"	192	"	"	"	2,893	"	"	"
y - "	33,019	"	14	"	124	"	"	"	1,737	"	"	"
z - "	43,000	"	10	"	163	"	"	"	1,630	"	"	"
aa - "	39,237	"	9	"	70	"	"	"	634	"	"	"
bb - "	2,700	"	5	"	18	"	"	"	90	"	"	"
cc - "	26,188	"	14	"	107	"	"	"	1,500	"	"	Bradford County

NOTE: The year 1924 was selected as a normal year, in order that comparison might be made with the depression years that are a part of this report.

* Not segregated from Lackawanna County.

In 1955, and subsequent years, the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in the County totals

ANTHRACITE REGION

COUNTY--DISTRICT CROSS REFERENCE LIST

1977

<u>County</u>	<u>Mine Inspection District</u>
Bradford	50
Carbon	4, 58
Columbia	2, 56, 59
Dauphin	6
Lackawanna	1, 53
Luzerne	1, 50, 53, 57, 58
Northumberland	2, 3, 59
Schuylkill	1, 2, 4, 5, 6, 57, 58, 60
Sullivan	1, 50

PRODUCTION TABLE

District 1

	County	Production - Net Tons				Total Production:	Ammonium Nitrate (Pounds used)	Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market:		Used at									
		By Truck:	By Railroad	Sold to Local Trade:	Mine for Steam and Heat								
Ace Anthracite, Inc.	Lackawanna	-	-	1,175	-	1,175	-	-	-	196	1	-	-
Keystone Bank	Lackawanna	-	-	-	-	-	-	-	-	196	2	-	-
Ace Breaker	Lackawanna	-	-	1,175	-	1,175	-	-	-	-	3	-	-
Total													
American Silt Processing, Co.	Lackawanna	-	-	-	-	-	-	-	-	214	6	-	-
Waddell Washery	Lackawanna	-	-	-	-	-	-	-	-	-	-	-	-
American Processing Co., Inc.	Lackawanna	-	-	464	-	464	-	-	-	26	1	-	-
Browndale Road Bank	Lackawanna	-	-	-	-	-	-	-	-	77	5	-	-
Forest City Breaker	Lackawanna	-	-	464	-	464	-	-	-	-	6	-	-
Total													
Bear Lake Construction Co.	Luzerne	-	-	2,440	-	2,440	-	-	-	33	1	-	-
Georgetown Bank	Luzerne	-	-	-	-	-	-	-	-	277	7	-	-
Beaver Brook Coal Co.	Luzerne	-	-	-	-	-	-	-	-	-	-	-	-
Beaver Brook Fine Coal Pl.	Luzerne	-	-	-	-	-	-	-	-	-	-	-	-
Beltrami Enterprises, Inc.	Luzerne	1,822	1,974	-	-	3,796	-	-	-	28	4	-	-
Beaver Brook Bank	Luzerne	-	815	-	-	815	-	-	-	15	*	-	-
Eckley Condemned Bank	Schuylkill	448	485	-	-	933	-	-	-	5	2	-	-
Honey Brook Bank	Luzerne	-	-	-	-	-	-	-	-	215	25	-	6
Eckley Breaker	Luzerne	-	-	-	-	-	-	-	-	161	6	-	-
Eckley Cleaning Plant	Luzerne	-	-	-	-	-	-	-	-	249	35	-	11
Honey Brook Breaker	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Marvine Bagging Plant	Lackawanna	-	-	-	-	-	-	-	-	235	8	-	-
Total		2,270	3,274	-	-	5,544	-	-	-	-	80	-	17
Bone, George Jr.	Luzerne	-	-	3,438	-	3,438	-	-	-	34	2	-	-
Leadville Bank	Lackawanna	-	-	6,763	-	6,763	-	-	-	50	2	-	-
Carrier Coal Co.	Lackawanna	1,521	4,564	-	-	15,213	-	-	-	115	2	-	-
Eddy Creek Bank	Lackawanna	2,972	8,918	17,837	-	29,727	-	-	-	166	2	-	-
Olyphant Bank	Lackawanna	-	-	-	-	-	-	-	-	248	44	-	17
Powderly Bank	Lackawanna	-	-	-	-	-	-	-	-	-	-	-	-
Olyphant Breaker	Lackawanna	4,493	13,482	33,728	-	51,703	-	-	-	50	-	-	17
Total													
Colt Coal Co.	Lackawanna	-	-	-	-	-	-	-	-	119	3	-	-
Taylor Silt Plant	Lackawanna	-	1,327	-	-	1,327	-	-	-	48	3	-	-
Denver Coal Co.	Lackawanna	-	-	-	-	-	-	-	-	-	-	-	-
Sibley Bank	Lackawanna	-	-	-	-	-	-	-	-	-	-	-	-
F J & F Coal Co.	Lackawanna	-	52,875	-	-	52,875	-	-	-	148	2	-	-
Dunmore Bank	Luzerne	-	15,261	-	-	15,261	-	-	-	257	5	-	-
Jenkins Township Bank	Luzerne	-	68,136	-	-	68,136	-	-	-	-	7	-	-
Total													

District 1

Operators and Mines	County	Production - Net Tons				Total Production:	Ammonium Nitrate (Pounds used)	Dynamite (Pounds used)	Other (Name)	Average Days Worked	No. of Empl- oyes	Non- Fatal Acci- dents	Non- Fatal Acci- dents
		Shipped to Market:	By Truck:	By Local Trade:	Used at Mine and Heat								
Giza & Oley Enterprises Laurel Run R. R. Bed Bank Silverbrook R. R. Bed Bank West Nanticoke R. R. Bed Bank	Luzerne	11,774	6,977	2,834	218	21,803	-	-	-	55	4	-	-
	Schuylkill	668	396	161	12	1,237	-	-	-	16	-	-	-
	Luzerne	2,697	1,598	649	50	4,994	-	-	-	81	2	-	-
	Total	15,139	8,971	3,644	280	28,034	-	-	-	-	6	-	-
Gowen Coal Co. Gowen Breaker Gowen Cleaning Plant	Luzerne	-	-	-	-	-	-	-	-	159	12	-	1
	Luzerne	-	-	-	-	-	-	-	-	159	4	-	-
Total		-	-	-	-	-	-	-	-	-	16	-	1
Heavy Media, Inc. Loree Banks Loree Breaker	Luzerne	-	33,373	-	-	33,373	-	-	-	212	5	-	-
	Luzerne	-	-	-	-	-	-	-	-	200	10	-	-
Total		-	33,373	-	-	33,373	-	-	-	-	15	-	-
Jeddo-Highland Coal Co. Harwood Silt(Jeddo)Bank Harwood Silt(P.F.&D.)Bank Hazleton Shaft Silt Bank Prospect Bank Throop Bank U.G.I. Dam Bank Harry E. Breaker Hazleton Shaft Breaker Jeddo No. 7 Breaker Lion Breaker Prospect Cleaning Plant	Luzerne	230	27	6	-	263	-	-	-	1	*	-	-
	Luzerne	46,466	5,428	1,320	-	53,214	-	-	-	159	8	-	-
	Luzerne	9,148	1,068	260	-	10,476	-	-	-	72	2	-	-
	Luzerne	13,419	10,404	1,993	5	25,821	-	-	-	232	2	-	-
	Lackawanna	-	-	-	-	(a)	-	-	-	77	7	-	-
	Luzerne	16,075	1,878	456	-	18,409	-	-	-	93	5	-	-
	Luzerne	-	-	-	-	-	-	-	-	52	10	-	-
	Luzerne	-	-	-	-	-	-	-	-	181	59	1	1
	Luzerne	-	-	-	-	-	-	-	-	239	87	-	-
	Luzerne	-	-	-	-	-	-	-	-	212	17	-	1
Total		85,338	18,805	4,035	5	108,183	-	-	-	232	7	-	-
Kaminski Coal Co. Hillside Breaker Lucky Strike Coal Corp. Ashley Colliery Breaker Bliss Cleaning Plant Wanamie 19 Cleaning Plant	Luzerne	-	-	-	-	-	-	-	-	303	7	-	-
	Luzerne	-	-	-	-	-	-	-	-	224	3	-	-
	Luzerne	-	-	-	-	-	-	-	-	15	3	-	-
	Luzerne	-	-	-	-	-	-	-	-	238	6	-	2
	Total	-	-	-	-	-	-	-	-	-	12	-	2
Mazaika Coal Co. Mazaika Breaker Moosic Coal Co. Moosic Breaker Northeast Energy Co. Laurel Breaker	Schuylkill	-	-	-	-	-	-	-	-	156	1	-	-
	Lackawanna	-	-	-	-	-	-	-	-	254	2	-	-
	Luzerne	-	-	-	-	-	-	-	-	171	5	-	1
	Total	-	-	-	-	-	-	-	-	-	-	-	-

District 1

Operators and Mines	County	Production - Net Tons					Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market	Sold	Used at	Total	Ammonium Nitrate (Pounds used)						
		By Railroad	By Truck	By Mine and Heat	Production							
Nowakowski Construction	Luzerne	-	590	-	590	-	-	-	36	2	-	-
Hughestown Bank	Luzerne	-	-	-	-	-	-	-	-	-	-	-
Oeller Contracting	Luzerne	-	2,599	-	2,599	-	-	-	41	3	-	-
W. Nanticoke R.R. Bed Bank	Luzerne	-	-	-	-	-	-	-	-	-	-	-
P & M Mining Co.	Luzerne	-	-	-	-	-	-	-	-	-	-	-
Mildred Breaker	Luzerne	-	-	-	-	-	-	-	-	-	-	-
Pazzalia Coal Co.	Luzerne	-	-	-	-	-	-	-	-	-	-	-
Buttonwood Yards Bank	Luzerne	-	10,929	-	10,929	-	-	-	25	4	-	-
Perry Coal Sales Co., Thomas	Luzerne	-	-	-	-	-	-	-	-	-	-	-
Drinker St. R.R. Fill Bank	Luzerne	-	4,139	-	4,139	-	-	-	33	7	-	-
Avoca Cleaning Plant	Luzerne	-	-	-	-	-	-	-	241	9	-	-
Total		-	4,139	-	4,139	-	-	-	-	16	-	-
Phoenix Contracting Co.	Luzerne	-	824	-	824	-	-	-	10	3	-	-
Drifton R.R. Bed Bank	Luzerne	-	-	-	-	-	-	-	-	-	-	-
Pollock, Inc., Ken	Luzerne	-	54,491	-	54,491	-	-	-	89	2	-	-
Huber Banks	Luzerne	-	-	-	-	-	-	-	-	-	-	-
Popple Brothers	Luzerne	-	6,850	-	6,850	-	-	-	50	2	-	-
Hudson Yds. R.R. Bed Bank	Luzerne	-	9,604	-	9,604	-	-	-	50	-	-	-
Strawberry Hill R.R. Bed Bk, Lackawanna	Luzerne	-	-	-	-	-	-	-	276	4	-	-
Duryea Cleaning Plant	Luzerne	-	-	-	-	-	-	-	-	-	-	-
Total		-	16,454	-	16,454	-	-	-	-	6	-	-
Premium Fine Coal Co.	Schuyler	39,260	-	-	39,260	-	-	-	238	3	-	-
Candleton Bank	Luzerne	-	-	-	-	-	-	-	-	-	-	-
Romanski, Jerome & Lois	Luzerne	-	1,716	-	1,716	-	-	-	165	3	-	-
March No. 2 Bank	Luzerne	-	-	-	-	-	-	-	-	-	-	-
S & T Coal Co.	Luzerne	-	-	-	-	-	-	-	-	-	-	-
Inkerman Bank	Luzerne	-	313	-	313	-	-	-	10	1	-	-
Silverbrook Anthracite, Inc.	Luzerne	-	4,350	-	4,350	-	-	-	105	2	-	-
No. 6 Bank	Luzerne	-	1,956	-	1,956	-	-	-	34	2	-	-
Silverbrook R.R. Bed Bank	Luzerne	-	-	-	-	-	-	-	111	3	-	-
Alden Cleaning Plant	Luzerne	-	-	-	-	-	-	-	185	5	-	-
Kassa Breaker	Luzerne	-	-	-	-	-	-	-	-	-	-	-
Total		-	6,306	-	6,306	-	-	-	-	12	-	-
Tedesco Brothers Coal Co.	Luzerne	-	-	-	-	-	-	-	25	2	-	-
Airport Road Bank	Luzerne	-	845	-	845	-	-	-	14	4	-	-
Tedesco Breaker	Luzerne	-	-	-	-	-	-	-	-	-	-	-
Total		-	845	-	845	-	-	-	-	6	-	-
District Total		146,500	243,700	51,798	285	442,283	-	-	183	506	1	40

NOTE: (a) Coal stocked at Hazleton Shaft Breaker
 * Men included with those at other operations, same company.

District 2

Operators and Mines	County	Production - Net Tons						Dynamite (Pounds used)	Other (Name)	Aver- age of Days Worked	No. of Empl- oys	Fatal Acci- dents	Non- Fatal Acci- dents
		Shipped to Market		Used at		Total Production							
		By Railroad	By Truck	to Local Trade	to Mine and Heat								
A & H Coal Co.	Northumberland	-	994	110	-	1,104	-	1,200	-	38	8	-	-
No. 2 Slope	Columbia	-	3,539	393	-	3,932	-	5,400	-	173	7	-	1
Orchard Slope		-	4,533	503	-	5,036	-	6,600	-		15	-	1
Total													
Ashland Community Enterprises													
Pioneer Tunnel-No. 1 Buck Drift	Schuylkill	-	-	-	-	-	-	-	-	295	23	-	2
B-D Mining Co.													
Ashland Up. Rt. R.R. Bed Bank	Schuylkill	51	59	-	-	110(b)	-	-	-	-	-	-	-
Bancroft No. 52 Bank	Schuylkill	179	206	-	-	385	-	-	-	3	*	-	-
Ellengown No. 132 Bank	Schuylkill	7,999	9,187	-	-	17,186	-	-	-	123	5	-	-
Mahanoy City No. 111 Bank	Schuylkill	6,520	7,487	-	-	14,007	-	-	-	48	5	-	-
No. 1 Slush Dam Bank	Schuylkill	35,881	41,207	-	-	77,088	-	-	-	233	5	-	-
St. Nicholas No. 42A Bank	Schuylkill	146	168	-	-	314	-	-	-	24	*	-	-
St. Nicholas No. 42B Bank	Schuylkill	5,565	6,390	-	-	11,955	-	-	-	111	5	-	3
Gilberton Fine Coal Plant	Schuylkill	-	-	-	-	-	-	-	-	278	35	-	26
Total													
B. & Z. Coal Co.		56,341	64,704	-	-	121,045	-	-	-		55	-	29
B. & Z. Coal Co.													
No. 7 Vein Slope	Northumberland	-	853	95	-	948	-	800	-	158	3	-	-
Blaschak Brothers													
Skidmore Slope (c)	Schuylkill	-	-	-	-	-	-	-	-	229	1	-	-
Blaschak Coal Co., Inc.													
Blaschak Breaker	Schuylkill	-	-	-	-	-	-	-	-	229	17	-	4
Botello Coal Co., James													
Packer No. 5 Bank	Schuylkill	323	192	78	6	599	-	-	-	35	3	-	-
Burnrite Coal Co.													
Nos. 2 & 3 Slopes	Columbia	-	3,467	-	-	3,467	-	1,650	-	226	3	-	-
C. & G. Coal Co.													
Skidmore Drift	Columbia	-	93	-	-	93	-	200	-	26	3	-	-
Cress Coal Co.													
No. 1 Slope	Schuylkill	919	1,069	538	-	2,526	-	1,300	-	212	4	-	-
Gilberton Coal Co.													
Bancroft No. 52 Bank	Schuylkill	457	524	-	-	981	-	-	-	4	6	-	-
Locust Summit No. 53 Bank	Northumberland	73,839	84,797	-	-	158,636	-	-	-	253	4	-	-
Locust Summit Fine Coal Pl.	Northumberland	-	-	-	-	-	-	-	-	288	36	-	35
Total													
		74,296	85,321	-	-	159,617	-	-	-		46	-	35
Gilberton Energy Corp.													
Bagging Plant	Northumberland	-	-	-	-	-	-	-	-	236	6	-	5

	County	Shipped to Market:		By Truck:	Rail for Sale:	Use for:	Total Production:	Ammonium Nitrate (Pounds used)	Dynamite (Pounds used)	Other (Name)	Average Days Worked	No. of Employees	Fatal Accidents	Non-Fatal Accidents
		By Railroad	By											
Operators and Mines														
Giza & Oley Enterprises	Schuylkill	5,947	3,524	1,432	110		11,013	-	-	-	40	3	-	-
Preston Br. R.R. Bed Bank	Schuylkill	265	1,689	1,006	15		2,975	-	3,200	-	244	3	-	-
Half-Way Coal Co.	Schuylkill	10,926	21,679	3,587	493		36,685	-	-	-	217	4	-	-
Buck West Drift	Schuylkill							-	-	-	242	43	-	-
Jeddo-Highland Coal Co.	Schuylkill							-	-	-			-	-
Packer Bank								-	-	-			-	-
Rosa Breaker								-	-	-			-	-
Total		10,926	21,679	3,587	493		36,685	-	-	-		47	-	-
K. & S. Coal Co.														
No. 4 Vein Slope	Northumberland	-	679	75	-		754	-	450	-	116	5	-	-
Locust Dale Mining, Inc.	Columbia	267	703	398	4		1,372	-	-	2,800#	181	4	-	-
Skidmore Drift								-	-	-			-	-
Malho Coal Co.	Schuylkill	-	-	-	-		-	-	-	-	265	4	-	-
Malho Breaker								-	-	-			-	-
Metzinger Coal Co.	Columbia	-	-	1,547	-		1,547	-	3,200	-	127	5	-	1
Seven Foot Drift & Slope	Schuylkill	-	-	-	-		-	-	-	-	123	4	-	-
Metzinger Breaker		-	-	1,547	-		1,547	-	3,200	-		9	-	1
Total		-	-	1,547	-		1,547	-	-	-			-	-
N.B.C. Coal Co.														
Buck Mountain Slope	Northumberland	-	2,601	290	-		2,891	-	1,200	-	240	3	-	-
Phoenix Contracting Co.	Schuylkill	4,063	2,407	978	75		7,523	-	-	-	56	3	-	-
St. Nicholas R.R. Bed Bank	Schuylkill	370	220	89	7		686	-	-	-	12	-	-	-
Shenandoah Bank	Schuylkill	4,040	2,394	973	75		7,482	-	-	-	36	-	-	-
Yatesville R.R. Bank	Schuylkill	8,473	5,021	2,040	157		15,691	-	-	-		3	-	-
Total								-	-	-			-	-
Polcovich Coal Co.														
No. 2 7-Foot Slope	Columbia	983	-	1,108	-		2,091	-	985	-	226	4	-	1
Reading Anthracite Co.	Schuylkill	33,163	-	-	-		33,163	-	-	-	267	20	-	9
Ellangowan No. 45 Bank	Schuylkill	7,202	-	-	-		7,202	-	-	-	265	2	-	-
St. Nicholas #42 Slush Bk.	Schuylkill	-	-	-	-		-	-	-	-	246	6	-	1
Locust Summit Bagging Pl.	Northumberland	-	-	-	-		-	-	-	-	252	26	-	16
St. Nicholas #4 & 5 Plant	Schuylkill	-	-	-	-		-	-	-	-			-	-
Total		40,365	-	-	-		40,365	-	-	-		54	-	26
Savitski Brothers Coal Co.														
No. 1 Shaft (d)	Northumberland	-	-	-	-		-	-	-	-	183	1	-	-
Savitski Breaker	Northumberland	-	-	-	-		-	-	-	-	183	7	-	-
Total		-	-	-	-		-	-	-	-		8	-	-
Scott Coal Co.														
No. 7 Vein Slope	Columbia	-	-	343	-		343	-	150	-	98	4	-	-

District 2

Operators and Mines	County	Production - Net Tons				Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- Acci- dents
		Shipped to Market	By Truck	Used at Local Trade	Mine for Steam and Heat						
Silver Coal Co.	Northumberland	-	-	-	-	-	-	10	2	-	-
No. 4 Vein Slope	Schuylkill	1,087	644	262	2,013	1,100	-	138	3	-	-
Stuck Coal Co.	Northumberland	-	-	-	-	-	-	237	11	-	-
Buck Mountain Slope	Columbia	1,470	871	354	2,722	1,850	-	220	4	-	-
Sun Coal Co., Inc.	Columbia	513	7,848	521	8,895	7,500	-	240	8	-	1
Diamond Fine Coal Plant											
Wolfgang Brothers Coal Co.											
Buck Mountain Slope											
Zakrevsky Coal Co.											
Buck Slope											
District Total		202,175	205,491	14,177	845	422,688	-	30,185	2,800	358	105

NOTE: (a) Tourist Mine only.

(b) Stock coal.

(c) Used only for pumping water to Blaschak Breaker.

(d) Pumping only

* Men included with those at other operations, same company.

Dupont Monobel-B and Atlas Coalite.

District 3

B.G.P.T. Coal Co.	Northumberland	96	2,896	431	-	3,423	-	2,420#	243	5	-
No. 9½ Vein Slope	Northumberland	-	3,475	-	-	3,475	-	970#	224	3	-
Big L Coal Co.	Northumberland	-	90	-	-	90	-	25#	49	4	-
Zero Vein No. 1 Slope	Northumberland	-	1,714	190	-	1,904	-	900#	202	4	-
Big Oak Coal Co.	Northumberland	-	2,415	-	-	2,415	-	1,050#	230	5	-
Zero Vein Slope	Northumberland	-	-	-	-	-	-	-	240	5	-
Bonnie Lou Coal Co.	Northumberland	-	2,304	-	-	2,304	-	1,200#	248	3	-
No. 2 Vein Slope											
Bush Coal Co.											
No. 11 Vein Rock Slope											
C & F Coal Co., Inc.											
C & F Breaker											
Collier Coal											
No. 3 Vein Slope											

District 3

Operators and Mines	County	Production - Net Tons				Total Production	Ammonium Nitrate (Pounds used)	Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Non- Fatal Acci- dents	Fatal Acci- dents
		Shipped to Market	By	Sold to	Used at Mine for Steam and Heat								
		By Railroad	Truck	Local Trade									
D & M Coal Co.													
No. 9 Vein Slope	Northumberland	-	281	31	-	312	-	-	75#	83	3	-	-
D.R.Z. Coal Co.													
No. 5 Vn. No. 1 Slope	Northumberland	-	2,083	231	-	2,314	-	-	2,100#	242	5	-	-
No. 5 Vn. No. 2 Slope	Northumberland	-	1,734	193	-	1,927	-	-		240	4	-	-
No. 5 Vn. No. 3 Slope(a)	Northumberland	-	-	-	-	-	-	-		43	1	-	-
Total		-	3,817	424	-	4,241	-	-	2,100		10	-	-
F.E.D. Coal Co.													
No. 1 Vein Slope	Northumberland	-	1,992	19	-	2,011	-	-	900	248	3	-	-
4-D Coal Co.													
No. 11 Vein 1&2 Slopes	Northumberland	-	2,736	-	-	2,736	-	-	1,100#	226	6	-	1
G. F. J. Coal Co.													
No. 4 Vein Slope (b)	Northumberland	-	61	7	-	68	-	-	50	42	3	-	-
Glen Burn Colliery, Inc.													
Glen Burn Breaker	Northumberland	-	-	-	-	-	-	-	-	163	33	-	1
Nielson Bank	Northumberland	4,041	3,957	420	-	8,418	-	-	-	150	3	-	-
Total		4,041	3,957	420	-	8,418	-	-	-		36	-	1
H. J. & H. Coal Co.													
Reitz Breaker	Northumberland	-	-	-	-	-	-	-	-	140	3	-	-
Hecia Machinery & Equip. Coal Co.													
Trevorton Slush Bank	Northumberland	-	232,989	-	-	232,989	-	-	-	240	3	-	-
K & K Coal Co.													
No. 5 & 6 Veins, #9 Tunnel	Northumberland	-	937	104	-	1,041	-	-	950#	192	4	-	-
K L & M Coal Co.													
Slope	Northumberland	-	363	-	-	363	-	-	125#	84	4	-	-
K & W Coal Co.													
No. 7 Vein Slope	Northumberland	-	1,909	202	-	2,111	-	-	900#	204	3	-	-
K W Y Coal Co.													
No. 9½ Vein Slope	Northumberland	-	1,025	114	-	1,139	-	-	550#	240	4	-	-
Lenig Coal Co.													
Lenig Crusher Plant	Northumberland	-	3,807	-	-	3,807	-	-	-	160	1	-	-
M. & R. Coal Co.													
Zero Vein Slope	Northumberland	-	-	-	-	-	-	-	1,800#	248	4	-	-
Morata Coal Co.													
No. 4 Vein Slope	Northumberland	-	4,676	520	-	5,196	-	-	1,600#	252	4	-	-
N & L Coal Co.													
No. 4 Vein Slope	Northumberland	-	1,209	-	-	1,209	-	-	700	200		-	-
North Mt. Coal Co., Inc.													
No. 2 Vein Slope	Northumberland	-	2,233	-	-	2,233	-	-	-			-	-

District 3

Operators and Mines	County	Production - Net Tons					Dynamite (Pounds used)	Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Used at							
		By Railroad	By Truck	Local Trade	Mine and Heat	Total Production					
Pine Line Coal Co.	Northumberland	1,773	-	1,999	-	3,772	-	244	3	-	-
No. 9½ Vein Drift											
R. L. & M. Coal Co.	Northumberland	-	24	-	-	24	-	62	3	-	-
No.1Vn. No. 1 Slope											
R & N Coal Co., Inc.	Northumberland	-	-	-	-	-	-	303	12	-	-
R & N Breaker											
Ranshaw Transp. & Auto Wreckers Coal Co.	Northumberland	-	-	-	-	-	-	200	3	-	-
Ranshaw Washery											
Reading Anthracite Co.	Northumberland	9,130	4,096	2,711	-	15,937	-	235	2	-	-
Trevorton #228 Refuse Bank	Northumberland	5,155	2,313	1,531	-	8,999	-	181	2	-	1
Trevorton #57-1 Slush Bank	Northumberland	-	-	-	-	-	-	233	21	-	10
Trevorton Breaker											
Total		14,285	6,409	4,242	-	24,936	-	-	25	-	11
Rosini Coal Co.	Northumberland	-	-	-	-	-	-	297	12	-	1
Carbon Run Colliery											
Skyview Coal Co.	Northumberland	-	912	16	-	928	-	144	4	-	-
No. 3 Vein Slope											
Snyder Coal Co.	Northumberland	-	2,011	-	-	2,011	-	244	4	-	-
Slope											
Sunshine Coal Co.	Northumberland	-	-	-	-	-	-	243	2	-	-
Sunshine Breaker											
Swift Coal Sales, Inc.	Northumberland	-	-	-	-	-	-	306	7	-	-
Swift Breaker											
T. & L. Coal Co.	Northumberland	-	6,271	697	-	6,968	-	240	7	-	-
Zero Vein Slope											
District Total		20,195	290,686	9,416	-	320,297	-	212	209	-	14

NOTE: (a) New mine.
 (b) Mine closed during July, 1977.
 # Atlas

District 4

Operators and Mines	County	Production - Net Tons					Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market	By Truck	Sold to Local Trade	Used at Mine and Heat	Total Production						
Bernitsky & Stanulis Partnership	Schuylkill	302	351	4,540	-	5,193	2,584	-	226	7	-	2
Bottom Split Slope	Schuylkill	27,978	11,622	3,443	-	43,043	-	-	274	21	-	-
Bethlehem Mines Corp.	Schuylkill	9,467	3,932	1,165	-	14,564	-	-	107	12	-	-
No. 8 Bank	Schuylkill	-	-	-	-	-	-	-	238	84	-	4
No. 10 Bank	Schuylkill	-	-	-	-	-	-	-	284	97	-	3
Coaldale No. 12 Fine Coal Pl.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Tamaqua No. 14 Breaker	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Total		37,445	15,554	4,608	-	57,607	-	-	214	7	-	7
C. L. S. Coal Co.	Schuylkill	-	-	-	-	-	-	-	195	8	-	-
Maple Spring Breaker	Schuylkill	-	-	-	-	-	-	-	234	7	-	-
C. & T. Coal Co., Inc.	Carbon	-	60,996	-	-	60,996	-	-	-	-	-	-
Nesquehoning Bank	Carbon	-	-	-	-	-	-	-	-	-	-	-
Cass Contracting Co.	Schuylkill	-	-	-	-	-	-	-	183	11	-	1
Marlin Breaker	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Coke Coal Co.	Schuylkill	30	194	846	2	1,072	500	-	73	8	-	-
Woods Drift	Schuylkill	-	-	-	-	-	-	-	242	9	-	-
DiRenzo Coal Co.	Schuylkill	-	-	-	-	-	-	-	152	4	-	-
DiRenzo Breaker	Schuylkill	-	-	-	-	-	-	-	64	7	-	-
Eagle Hill Coal Co.	Schuylkill	1,982	108,126	-	-	110,108	-	-	233	2	-	-
Eagle Hill Bank	Schuylkill	-	-	-	-	-	-	-	233	4	-	1
F. & W. Coal Co.	Schuylkill	67	334	231	3	635	700	-	-	-	-	-
Buck Mt. Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Ginther Coal Co.	Schuylkill	19,339	-	-	-	19,339	-	-	-	-	-	-
Lucanna Bank	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Lucanna Fine Coal Pl.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Total		19,339	-	-	-	19,339	-	-	6	1	-	1
Glenn Worth Coal Co.	Schuylkill	-	-	-	-	-	-	-	248	2	-	-
Glenn Worth Breaker	Schuylkill	-	-	-	-	-	-	-	272	8	-	1
Hegins Mining Co.	Schuylkill	1,133	3,836	3,472	8	8,449	3,300	-	-	-	-	-
No. 5 Slope	Schuylkill	-	-	-	-	-	-	-	1	3	-	-
Laurie Enterprises, Inc.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Old Mill Coal Yd. Brk.	Schuylkill	-	-	-	-	-	-	-	20	2	-	-
M. & M. Coal Co.	Schuylkill	-	-	261	-	261	25	-	56	3	-	-
Bottom Split Slope	Schuylkill	-	-	-	-	-	-	-	185	9	-	-
Manbeck Dredging Co.	Schuylkill	380	20,715	-	-	21,095	-	-	-	-	-	-
Reevesdale Bank	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Lansford No. 6 Washery	Carbon	-	-	-	-	-	-	-	-	-	-	-
Total		380	20,715	-	-	21,095	-	-	12	-	-	-

District 4

Operators and Mines	County	Production - Net Tons					Dynamite (Pounds used)	Other (Name)	Average Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market	Sold to	Used at Mine	Total Production	Ammonium Nitrate (Pounds used)						
		By Railroad	By Truck	for Steam and Heat								
Mountain Side Coal Co.	Schuylkill	-	-	-	-	-	-	-	275	2	-	-
Mountain Side Breaker												
Nadna Coal Co.	Schuylkill	696	808	-	1,911	-	3,000	-	248	3	-	-
Skidmore Slope												
Olenick Brothers Coal Co.	Schuylkill	-	-	-	-	-	-	-	264	10	-	3
Olenick Breaker												
P. & H. Coal Co.												
White Ash Slope	Schuylkill	452	387	29	3,085	-	4,050	-	240	4	-	-
Phoenix Contracting Co.												
Gordon Bank	Schuylkill	6,610	-	-	6,610	-	-	-	35	3	-	-
Premium Fine Coal, Inc.												
Premium Fine Coal Pl.	Schuylkill	-	-	-	-	-	-	-	258	3	-	-
Reading Anthracite Co.												
Pine Knot No. 204 Ref. Bk.	Schuylkill	16,645	1,705	-	25,069	-	-	-	174	1	-	-
Beechwood Cleaner Plant	Schuylkill	-	-	-	-	-	-	-	231	5	-	-
New St. Nicholas Breaker	Schuylkill	-	-	-	-	-	-	-	250	31	-	14
New St. Nicholas F.C. Plant	Schuylkill	-	-	-	-	-	-	-	261	30	-	11
Pine Forest Cleaner Plant	Schuylkill	-	-	-	-	-	-	-	14	*	-	-
Total		16,645	1,705	6,719	25,069	-	-	-	67	25	-	-
S. & N. Coal Co.	Schuylkill	33	39	-	92	-	50	-	20	2	-	-
Potato Patch Slope												
S. & Z Coal Co.	Schuylkill	133	3,885	30	4,065	-	6,025	-	245	3	-	-
No. 4 Vein Slope												
Schuylkill Contracting Co.												
Lyle Oversize Bank	Schuylkill	-	-	514	514	-	-	-	30	*	-	-
Kaska Bank	Schuylkill	-	1,118	-	1,118	-	-	-	30	*	-	-
Marlin Slush Bank	Schuylkill	-	4,003	-	4,003	-	-	-	38	*	-	-
Repllier Bank	Schuylkill	-	18,162	-	18,162	-	-	-	60	8	-	-
Wadesville Bank	Schuylkill	163	46,940	-	47,103	-	-	-	103	5	-	-
Total		163	70,223	514	70,900	-	-	-	13	-	-	-
Shamrock Coal Co.	Schuylkill	-	-	-	-	-	-	-	212	1	-	-
Pumping Slope									212	9	-	-
Silver Creek Breaker	Schuylkill	-	-	-	-	-	-	-	-	10	-	-
Total												
Skytop Coal Co.	Schuylkill	-	-	-	-	-	-	-	299	12	-	-
Skytop Breaker												
Spring Creek Coal Co.	Schuylkill	-	-	-	-	-	-	-	45	1	-	-
Spring Creek Washery												

District 4

Operators and Mines	County	Production - Net Tons					Total Production:	Ammonium Nitrate (Pounds used)	Dynamite (Pounds used)	Other (Name)	Average Days Worked	No. of Employees	Non-Fatal Accidents	Fatal Accidents
		Shipped to Market By	Sold to Local Trade	Used at Mine for Steam and Heat										
South Tamaqua Coal Pockets, Inc.	Schuylkill	-	-	-	-	-	-	-	-	-	246	4	-	-
Tuscarora Coal Corp.	Schuylkill	-	-	-	-	-	-	-	-	-	100	14	-	-
Winne Land Co., Inc.	Schuylkill	-	-	-	-	-	-	-	-	-	252	12	-	-
Lytic Washery	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-	-
District Total		85,410	287,153	23,351	573	396,487	-	20,234	-	-	227	471	-	40

NOTE: * Men included with those at other operations, same company.

District 5

A.&T. Associates, Inc.	Schuylkill	-	-	-	-	-	-	-	-	-	186	12	-	-
Donaldson Breaker	Schuylkill	263	862	1,013	3	2,141	-	-	-	1,500#	160	5	-	-
B.S. Coal Co.	Schuylkill	272	1,738	1,034	15	3,059	-	-	-	1,350#	230	4	-	-
Bowman Tunnel	Schuylkill	5,401	12,468	21,507	386	39,762	-	3,000	29,000#	-	252	41	-	1
Buck Mountain Coal Co.	Schuylkill	1,369	4,433	1,969	24	7,795	-	-	6,500#	-	252	13	-	-
Buck Mt. Slope	Schuylkill	6,770	16,901	23,476	410	47,557	-	3,000	35,500	-	-	54	-	1
Bush Coal Co.	Schuylkill	91	-	1,530	21	1,642	-	-	1,500#	-	184	7	-	-
Skidmore Slope	Schuylkill	58	1,684	-	7	1,749	-	-	1,450#	-	210	3	-	-
Middle Split Slope	Schuylkill	-	165,480	-	-	165,480	-	-	-	-	160	3	-	-
C.L.P. Coal Co.	Schuylkill	173	202	102	-	477	-	-	600#	-	140	3	-	-
Platko Slope	Schuylkill	1,233	3,042	1,458	20	5,753	-	-	3,750#	-	252	7	-	-
Colket Coal Co.	Schuylkill	53	1,533	-	6	1,592	-	-	1,000#	-	100	4	-	-
No. 2 Tracy Slope	Schuylkill	269	7,838	-	32	8,139	-	-	6,200#	-	210	5	-	-
Devils Hole Coal Co.	Schuylkill	322	9,371	-	38	9,731	-	-	7,200	-	-	9	-	-
Indian Head Bank	Schuylkill													
E.S. Coal Co.	Schuylkill													
Middle Split Slope	Schuylkill													
Frailey Coal Co.	Schuylkill													
No. 2 Tracy Slope	Schuylkill													
H.S. Coal Co.	Schuylkill													
Buck Mt. Slope	Schuylkill													
No. 2 Vein Slope	Schuylkill													
Total														

District 5

County	Production - Net Tons					Dynamite (Pounds used)	Other (Name)	Average Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
	Shipped to Market		Used at		Total Production						
	By Railroad	Truck	Sold to Local Trade	Mine for Steam and Heat							
Operators and Mines											
Hatter Coal Co.	Schuylkill	254	13,399	-	30	13,683	-	11,500#	302	9	-
No. 1 Slope											
Hegins Mining Co.	Schuylkill	1,077	3,651	3,305	9	8,042	-	7,500#	275	17	-
No. 3 Skidmore Slope											
Hillside Breaker	Schuylkill	-	-	-	-	-	-	-	289	6	-
Total		1,077	3,651	3,305	9	8,042	-	7,500	23	-	-
Herring Bros. & Lucas Coal Co.	Schuylkill	961	3,295	994	35	5,285	-	4,000#	282	7	-
Herring Bros. Slope											
Klinger Coal Co.	Schuylkill	261	943	816	4	2,024	-	1,050#	190	3	1
No. 1 Slope											
Knorr Coal Co.	Schuylkill	363	1,230	1,113	3	2,709	-	1,500#	190	4	-
Buck Mt. Slope											
Kocher Coal Co., Leon E.	Schuylkill	-	-	-	-	-	-	-	252	60	-
Kocher Breaker											
Lucas Mining Co.	Schuylkill	3,421	10,729	663	78	14,891	-	10,500#	246	10	-
Primrose Slope											
M.S.W. Coal Co.	Schuylkill	1,041	6,919	574	45	8,579	-	6,700#	252	6	-
Skidmore Slope											
Manbeck Dredging Co., Inc.	Schuylkill	-	20,479	-	-	20,479	-	-	190	3	-
Westwood Bank											
Westwood Washery	Schuylkill	-	20,479	-	-	-	-	-	190	10	-
Total		-	20,479	-	-	20,479	-	-	13	-	-
Mercury Coal Co.	Schuylkill	8,697	6,142	1,980	101	16,920	-	11,000#	255	15	-
No. 4 Mine											
Mountain Top Coal Co.	Schuylkill	124	144	526	-	794	-	500#	194	4	-
Orchard Slope											
Orchard Coal Co.	Schuylkill	232	6,763	-	28	7,023	-	6,050#	180	10	-
Orchard Slope											
Pine Creek Coal Co.	Schuylkill	-	-	-	-	-	-	-	257	12	-
Pine Creek Breaker											
Sharp Mountain Coal Co.	Schuylkill	129	806	757	7	1,699	-	1,100#	185	3	-
Orchard Drift											
Superior Preparation Co., Inc.	Schuylkill	-	-	-	-	-	-	-	294	5	-
Superior Breaker											
Swatara Coal Co.	Schuylkill	-	-	-	-	-	-	-	228	37	-
Swatara Breaker											
Tracy Coal Co.	Schuylkill	552	2,991	1,523	33	5,099	-	4,500#	252	5	-
No. 1 Tracy Slope											

District 5

Production - Net Tons										
Operators and Mines	County	Shipped to Market		Used at		Total Production	Dynamite (Pounds used)	Ammonium Nitrate (Pounds used)	Aver- age of Days Worked	No. Fatal Acci- dents
		By Railroad	By Truck	To Local Trade	Mine and Heat					
Walaitis Coal Co.	Schuylkill	590	686	346	-	1,622	-	1,200#	266	2
No. 2 & 3 Slopes										
Wolfgang Brothers Coal Co.	Schuylkill	462	2,193	1,116	18	3,789	-	2,600#	190	5
Diamond Slope										
Woratyla Coal Co.	Schuylkill	1,746	2,029	1,021	-	4,796	-	3,600#	252	7
Middle Split Slope										
District Total		29,092	281,679	43,347	905	355,023	-	3,000	126,150	347
									236	2

Dupont
Atlas

District 6

Acme Coal Co.	Schuylkill	-	1,133	1,230	13	2,386	-	875*	216	4	-
L.V. No. 5 Vein Slope											
Atlas Coal Co.	Schuylkill	-	101	1	1	213	-	175**	35	3	-
Atlas Slope											
F.&W. Coal Co.	Schuylkill	-	-	-	-	-	-	50#	12	3	-
No. 2 Drift											
Franklin Coal Co.	Schuylkill	-	-	-	-	-	-	-	192	6	-
Franklin Breaker											
Hatter Coal Co.	Schuylkill	1,322	11,906	1,430	73	14,731	-	10,500#	257	12	-
Middle Split Slope											
Herb Coal Co.	Schuylkill	46	291	173	3	513	-	149**	150	3	-
No. 7 Drift											
K.M.K. Coal Co.	Schuylkill	1,045	5,348	426	36	6,855	-	4,500**	233	6	-
D.&R. Slope											
K.R.K. Coal Co.	Schuylkill	29	282	114		428	-	50**	85	5	-
L.V. No. 1 1/2 Vein Slope											
K.&T. Coal Co.	Schuylkill	10	412	77	1	500	-	300**	71	4	-
No. 3 Vein Slope											
Kintzel Brothers Coal Co.	Schuylkill	531	1,391		10	1,932	-	260#	259	4	-
L.V. No. 6 Vn. Slope											
Coal Co., Leon	Schuylkill	58,428	41,264	13	68	113,674	-	91,275*	251	137	9
Leon											
M.L.N. Coal Co.	Schuylkill	91	3	161		51	-	200**	118	4	-
Mammoth Slope											

District 6

Operators and Mines	County	Production - Net Tons						Dynamite (Pounds used)	Ammonium Nitrate (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Fatal fatal Acci- Acci- dents dents
		Shipped to Market		Used at		Total Production:							
		By	Truck:	Sold to	Mine for Steam and Heat								

Continued

* Coalite
** DuPont
Atlas
Monobel

District 50

East Allen Coal Corp.													
Strip Permit No. 1557-1	Sullivan	-	4,000	-	-	4,000	-	-	-	120	2	-	-
Giza & Oley Enterprises		-	2,144	-	-	2,144	-	-	-	46	2	-	-
Strip Permit No. 1284-3(a)	Luzerne	-		-	-								
Jones & Brague Mining Co.		-	7,475	-	-	7,475	83,800	1,550	-	102	6	-	-
Strip Permit No. 7-36	Bradford	-	18,225	488	-	18,713	8,100	300	-	111	8	-	-
Strip Permit No. 7-37	Bradford	-	25,700	488	-	26,188	91,900	1,850	-		14	-	-
Total													
Percival, John		-	46,792	1,416	-	48,208	178,300	2,830	-	339	17	-	-
Strip Permit No. 1087-3&4	Sullivan	-											
District Total		-	78,636	1,904	-	80,540	270,200	4,680	-	217	35	-	-

NOTE: (a) Information taken from monthly reports as no Annual Report was submitted.

District 53

Operators and Mines	County	Production - Net Tons				Total Production:	Ammonium Nitrate (Pounds used)	Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents	
		Shipped to Market		Used at										
		By Railroad	Truck:	By Truck:	to Mine and Heat									
C.J.C. Coal Co. Strip Permit No. 1545-1 Deweese Coal Co., Inc. Strip Permit No. 1243-1 Strip Permit No. 1243-2 Total	Lackawanna Luzerne Luzerne	- - -	1,407 - -	- 2,400 2,200	- - -	1,407 2,400 2,200	- 7,000 8,000	- 1,000 1,000	- - -	60 121 120	5 3 -	- - -	- - -	
F.J. & F. Coal Co. Strip Permit No. 1307-3 (a) Kaminski Brothers, Inc. Strip Permit No. 1261-1 L.D.V.F. Associates Strip Permit No. 1309-1 Lucky Strike Coal Co. Strip Permit No. 1431-2 Ashley Stock Total	Luzerne Luzerne Luzerne Lackawanna Luzerne Luzerne	- - - - 29,600 29,664	5,348 - - 2,246 17,661 17,699	- - - - 38 5	- 26 - - 2,487 2,492	5,348 28,091 2,246 49,748 49,855	- 250,940 1,000 2,624,900 2,624,900	- 10,950 - - -	- - - - -	214 303 60 266 10	6 7 3 35 35	- - - 11 11	- - - -	
Northeast Energy Co. Strip Permit No. 1267-2 P & C Excavating Co. Strip Permit No. 1734-1(b) Pasternak Brothers Strip Permit No. 21-2 Romanski, Jerome & Lois Strip Permit No. 1498-2C Silverbrook Anthracite, Inc. Strip Permit No. 1272-1 District Total	Luzerne Lackawanna Lackawanna Luzerne Luzerne	- - - - -	- - - - 491 2,945	4,672 - - 15,000 -	- - - - -	4,672 - - 15,000 491 2,945	30,700 7,300 12,000 -	6,900 600 -	- - -	254 162 205 100 118	7 3 3 3 3	- - - - -	- - - - -	- - - - -
District Total		29,664	58,201	26,764	26	114,655	2,949,840	20,450	-	224	78	-	11	

NOTE: (a) Information taken from monthly reports as no Annual Report was submitted.

(b) Not completely uncovered.

* Men included with those at other operations, same company.

District 56

Crystal Development Co., Inc. Strip Permit No. 1506-1		-	3,380	-	-	3,380	-	300	200	4	-
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District 56

Operators and Mines	County	Production - Net Tons					Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Non- Fatal Acci- dents	Fatal Acci- dents
		Shipped to Market		Used at		Total Production						
		By Railroad	Truck	Sold to Mine	Local Trade							
Jet Coal Co.	Columbia	-	1,129	-	-	1,129	-	-	54	2	-	-
Strip Permit No. 3-13		-	4,509	-	-	4,509	-	300	151	6	-	-
District Total												

District 57

B & C Coal	Schuylkill	-	8,350	-	-	8,350	-	-	160	2	-	-
Strip Permit No. 1515-1		-	800	-	-	800	-	-	40	-	-	-
Strip Permit No. 1515-2	Schuylkill	-	9,150	-	-	9,150	-	-	-	-	-	-
Total												
Beltrami Enterprises, Inc.	Luzerne	18,891	11,271	1,588	-	31,750	582,036	-	292	12	-	-
Strip Permit No. 816-10		30,469	18,180	2,560	-	51,209	956,202	-	292	11	-	2
Strip Permit No. 816-11	Schuylkill	49,360	29,451	4,148	-	82,959	1,538,238	-	23	23	-	2
Total												
Bernitsky Brothers Coal Co.	Schuylkill	-	-	-	-	-	-	-	20	2	-	-
Strip Permit No. 1109-1		-	-	-	-	-	-	-	10	1	-	-
Blue Bell Enterprises	Schuylkill	-	-	-	-	-	-	-	55	1	-	-
Strip Permit No. 14-2		-	-	-	-	-	-	-	2	-	-	-
Strip Permit No 14-8	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Total												
Brook Contracting Co.	Schuylkill	-	-	-	-	-	-	-	90	1	-	-
Strip Permit No. 86-1		-	-	-	-	-	-	-	65	7	-	-
Gale Coal Co.	Schuylkill	-	230	-	-	230	180,000	22,000	34,000*	250	1	-
Strip Permit No. 1100-2		-	28,406	-	-	28,406	-	-	250	3	-	-
Strip Permit No. 1100-3	Schuylkill	-	11,173	-	-	11,173	-	-	150	3	-	2
Strip Permit No. 1100-3A		-	16,171	-	-	16,171	-	-	40	#	-	-
Strip Permit No. 1100-4	Schuylkill	-	3,302	-	-	3,302	-	-	14	-	-	2
Strip Permit No. 1100-5		-	59,282	-	-	59,282	180,000	22,000	34,000	20	-	-
Total												
Gowen Coal Co.	Schuylkill	14,600	27,207	-	-	41,807	120,000	20,000	264	20	-	-
Strip Permit No. 38-1												

District 57

Operators and Mines	County	Production - Net Tons										Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- Acci- dents
		Shipped to Market		Used at		Total Production	Nitrate (Pounds used)	Ammonium (Pounds used)									
		By Railroad	By Truck	To Local Trade	To Mine and Heat												
J & W Coal Co.																	
Strip Permit No. 1077-1	Schuylkill	-	1,350	-	-	1,350	-	-	-	-	-	-	140	2	-	-	-
Strip Permit No. 1077-2	Schuylkill	-	15,626	-	-	15,626	30,000	3,000	3,000	-	-	-	240	1	-	-	-
Strip Permit No. 1077-3	Schuylkill	-	1,500	-	-	1,500	5,000	500	500	-	-	-	60	1	-	-	-
Total		-	18,476	-	-	18,476	35,000	3,500	3,500	-	-	-	4	-	-	-	-
Jeddo-Highland Coal Co.																	
Strip Permit No. 22-14	Schuylkill	2,200	5,071	-	-	7,271	-	-	-	-	-	-	200	2	-	-	-
Strip Permit No. 22-19	Schuylkill	2,498	4,300	-	-	6,798	60,000	1,800	1,800	-	-	-	125	12	-	-	-
Total		4,698	9,371	-	-	14,069	60,000	1,800	1,800	-	-	-	14	-	-	-	-
Lehigh Valley Anthracite Co.																	
Strip Permit No. 16-24	Schuylkill	9,125	18,253	-	-	27,378	311,000	12,200	12,200	-	-	-	300	23	-	-	-
Strip Permit No. 16-26	Schuylkill	12,200	24,371	-	-	36,571	950,000	-	-	-	-	-	300	35	-	1	-
Total		21,325	42,624	-	-	63,949	1,261,000	12,200	12,200	-	-	-	58	-	1	-	-
N & L Coal Co., (LN&H Coal)																	
Strip Permit No. 1303-2	Schuylkill	-	16,890	-	-	16,890	-	-	-	-	-	-	180	4	-	-	-
Pacine Coal Co.																	
Strip Permit No. 146-6	Schuylkill	-	3,637	-	-	3,637	-	-	-	-	-	-	180	3	-	-	-
Pacine Coal Co., Michael J.																	
Strip Permit No. 1176-2	Schuylkill	-	3,955	-	-	3,955	-	-	-	-	-	-	100	3	-	-	-
Strip Permit No. 1176-3	Schuylkill	-	761	-	-	761	-	-	-	-	-	-	120	1	-	-	-
Total		-	4,716	-	-	4,716	-	-	-	-	-	-	4	-	-	-	-
Peck Coal Co., Joe																	
Strip Permit No. 1090-4	Schuylkill	-	12,739	-	-	12,739	15,000	2,000	2,000	-	-	-	300	4	-	-	-
Reading Anthracite Co.																	
Strip Permit No. 23-6	Schuylkill	16,655	1,705	6,721	-	25,081	530,747	-	-	-	-	-	125	9	-	-	-
Strip Permit No. 23-8	Schuylkill	7,305	737	2,963	-	11,005	710,315	18,750	18,750	-	-	-	288	13	-	4	-
Strip Permit No. 23-9	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	255	1	-	-	-
Strip Permit No. 23-27	Schuylkill	17,825	1,825	7,191	-	26,841	555,609	12,500	12,500	-	-	-	121	25	-	4	-
Total		41,785	4,267	16,875	-	62,927	1,796,671	31,250	31,250	-	-	-	48	-	8	-	-
Tancredi, Joseph																	
Strip Permit No. 1738-1	Schuylkill	-	3,041	-	-	3,041	3,000	100	100	-	-	-	100	3	-	-	-
Westgate Mobile Home Park, Inc.																	
Strip Permit No. 1415-1	Schuylkill	-	2,646	-	-	2,646	-	-	-	-	-	-	150	3	-	-	-
District Total		131,768	243,497	21,023	-	396,288	5,008,909	92,850	92,850	-	-	-	222	209	-	13	-

NOTE: * Slurry
Men included with those at other operations, same company.

District 58

Operators and Mines	County	Production - Net Tons					Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. Empl- oyes	Fatal Acci- dents	Non- Acci- dents
		Shipped to Market	By Truck	Sold to Local Trade	Used at Mine and Heat	Total Production						
Beltrami Enterprises, Inc.	Luzerne	30,355	18,111	2,551	-	51,017	-	-	258	18	-	2
	Strip Permit No. 816-1A	2,363	1,410	198	-	3,971	-	-	88	*	-	-
	Strip Permit No. 816-3A	25,806	15,397	2,168	-	43,371	-	-	164	*	1	-
	Strip Permit No. 816-4	26,880	16,037	2,259	-	43,176	-	-	142	15	-	3
	Strip Permit No. 816-9	85,404	50,955	7,176	-	143,535	-	-	142	33	1	5
Total												
Bethlehem Mines Corp., Panther Valley Div.	Schuylkill	269,118	116,042	36,696	-	421,856	360,000	-	286	208	-	8
	Strip Permit No. 33-1	5,888	325	30	-	6,243	13,500	-	291	15	-	-
	Strip Permit No. 33-27	-	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 33-20(a)	-	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 33-30(b)	-	-	-	-	-	-	-	-	-	-	-
Brook Contracting Corp.	Schuylkill	19,375	5,942	516	-	25,833	76,500	-	216	17	-	-
	Strip Permit No. 33-34(a)	294,381	122,309	37,242	-	453,932	450,000	-	240	-	-	8
	Total											
Jeddo-Highland Coal Co.	Luzerne	-	105,757	-	-	105,757	62,600	-	358	20	-	1
	Strip Permit No. 86-9	103,143	89,660	15,786	1,277	209,866	-	-	352	69	-	4
	Strip Permit No. 22-8(J43)	146,358	130,678	22,567	1,717	301,320	-	-	353	98	-	7
	Strip Permit No. 22-8(J44)	13,172	12,334	2,059	139	27,704	-	-	344	5	-	-
	Strip Permit No. 22-10	516	489	81	5	1,091	-	-	106	6	-	-
Total		263,189	233,161	40,493	3,138	539,981	-	-	178	-	-	11
Lehigh Valley Anthracite, Inc.	Luzerne	3,499	2,914	529	47	6,989	-	-	173	12	-	-
	Strip Permit No. 16-7	-	-	-	-	-	-	-	260	4	-	-
	Strip Permit No. 16-8(a)	3,499	2,914	529	47	6,989	-	-	16	-	-	-
	Total											
N & L Coal Co.	Schuylkill	-	14,194	-	-	14,194	1,400	-	256	7	-	-
	Strip Permit No. 1303-4	13,115	40,985	547	-	54,647	51,650	-	348	7	-	-
	Tri County Land & Coal Co.	659,588	570,275	85,987	3,185	1,319,035	565,650	-	306	501	1	25
	Strip Permit No. 1624-1											
	District Total											

NOTE: * Men included with those at other operations, same company.
 (a) Backfilling only.
 (b) Completed.

District 59

Operators and Mines	County	Production - Net Tons				Used at to Mine for Steam and Heat	Total Production	Ammonium Nitrate (Pounds used)	Dynamite (Pounds used)	Other (Name)	Average Days Worked	No. Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market By	Sold to Local Trade	Truck	By Truck									
Conyngham Contracting Co., Inc.														
Strip Permit No. 91-23	Northumberland	-	10,861	-	-	-	10,861	48,350	-	-	247	8	-	-
Feran Industries, Inc.														
Strip Permit No. 1341-3	Northumberland	-	6,850	-	-	-	6,850	10,000	-	-	227	10	-	-
H. J. & H. Coal Co., Inc.														
Strip Permit No. 172-1	Northumberland	-	800	-	-	-	800	2,000	-	-	100	4	-	-
Jet Coal Co.														
Strip Permit No. 3-12	Northumberland	-	5,067	-	-	-	5,067	-	-	-	181	3	-	-
K.B.S. Contracting Co.														
Strip Permit No. 1617-1	Northumberland	-	8,665	-	-	-	8,665	-	-	-	240	3	-	-
Karris & Helfrick, Inc.														
Strip Permit No. 7-31	Northumberland	5,317	4,716	-	-	-	10,033	43,600	-	-	139	14	-	-
Strip Permit No. 7-34	Northumberland	7,112	6,428	-	-	-	13,540	43,200	-	-	91	25	-	-
Strip Permit No. 7-35	Northumberland	1,519	1,702	-	-	-	3,221	10,000	-	-	147	3	-	-
Strip Permit No. 7-37	Columbia	12,570	9,876	-	-	-	22,446	324,600	-	-	215	27	-	1
Strip Permit No. 7-38	Northumberland	1,114	1,851	-	-	-	2,965	36,200	-	-	16	30	-	-
Strip Permit No. 7-39	Northumberland	6,917	6,258	-	-	-	13,175	47,900	-	-	122	(a)	-	-
Strip Permit No. 7-41	Northumberland	21,612	19,642	-	-	-	41,254	540,000	-	-	218	(b)	-	2
Shop		-	-	-	-	-	-	-	-	-	242	30	-	2
Total		56,161	49,673	-	-	-	105,834	1,045,500	-	-	129	-	-	5
North Line Coal Co.														
Strip Permit No. 52-2	Northumberland	-	2,735	-	-	-	2,735	7,000	-	-	200	4	-	-
Pinto Coal Co.														
Strip Permit No. 1654-1	Northumberland	-	8,030	-	-	-	8,030	47,400	1,950	-	120	6	-	-
R.B.F. Coal Co.														
Strip Permit No. 107-11	Northumberland	-	1,765	-	-	-	1,765	2,000	-	-	220	3	-	-
Reading Anthracite Co.														
Strip Permit No. 23-19	Northumberland	17,455	7,827	5,176	-	-	30,458	492,413	-	-	164	18	-	-
Rosini Coal Co.														
Strip Permit No. 47-49	Northumberland	)	)	-	-	-	2,522	281,850	15,050	-	64	24	-	-
Strip Permit No. 47-50	Northumberland	)	)	-	-	-	7,143	)	)	-	101)	-	-
Strip Permit No. 47-52	Northumberland	)	)	-	-	-	7,265	)	)	-	129)	-	-
Strip Permit No. 47-54	Northumberland	)	)	-	-	-	7,756	)	)	-	134)	-	-
Strip Permit No. 47-57	Northumberland	)	)	-	-	-	22,026	)	)	-	192)	-	-
Strip Permit No. 47-57A	Northumberland	)	)	-	-	-	7,861	)	)	-	70)	-	-
Total		5,555	49,018	-	-	-	54,573	281,850	15,050	-	24	-	-	-
Shally Coal Co.														
Strip Permit No. 127-7	Northumberland	-	-	1,204	-	-	1,204	-	-	-	80	2	-	-

District 59

Coal Fields and Mines	Coal	Market			Net Tons			Total Production	Dynamite (Pounds used)	Other (Name)	Average Days Worked	No. of Employes	Fatal Accidents	Non-Fatal Accidents
		By Truck	By Local	Sold to Mine	Used at Mine	For Steam	and Heat							
Splintain Coal Co.	Porterland	3,614	-	-	-	-	-	3,614	-	-	201	4)	-	-
Strip Permit No. 11-19	Porterland	11,716	-	-	-	-	-	11,716	-	-	303	4)	-	-
Strip Permit No. 11-30	Porterland	3,427	-	-	-	-	-	3,427	-	-	49	4)	-	-
Strip Permit No. 11-31	Porterland	14,151	-	-	-	-	-	14,151	-	-	303	4)	-	-
Strip Permit No. 11-32	Porterland	2,844	-	-	-	-	-	2,844	-	-	130	4)	-	-
Strip Permit No. 11-33	Porterland	4,659	-	-	-	-	-	4,659	-	-	124	4)	-	-
Total		40,411	-	-	-	-	-	40,411	-	-	16	16	-	-
District Total		79,171	191,702	6,380	-	-	-	277,253	17,000	-	214	230	-	5

NOTE: (a) Same men as those at Strip Permit No. 7-34.
(b) Same men as those at Strip Permit No. 7-38.

District 60

Bell Coal Co.	Schuykill	7,907	-	-	-	-	-	7,907	-	-	292	3	-	-
Strip Permit No. 121-3	Schuykill	750	-	-	-	-	-	750	-	-	17	5	-	-
Birken Coal Co., Inc.	Schuykill	65,536	1,057	-	-	-	-	105,704	36,621	-	243	20	-	1
Strip Permit No. 1772-1	Schuykill	253	-	-	-	-	-	253	-	-	21	2)	-	-
G-L Coal Co.	Schuykill	1,471	-	-	-	-	-	1,471	-	-	98	2)	-	-
Strip Permit No. 1234-1	Schuykill	1,724	-	-	-	-	-	1,724	-	-	2	2	-	-
D. & W. Coal Co.	Schuykill	14,359	-	-	-	-	-	14,359	-	-	229	4	-	-
Strip Permit No. 138-8	Schuykill	35,273	-	-	-	-	-	35,273	9,132	1,973*	160	28	-	-
Strip Permit No. 138-9	Schuykill	15,523	-	-	-	-	-	15,523	-	-	245	3	-	-
Drew Development Co.	Schuykill	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1229-1	Schuykill	-	-	-	-	-	-	-	-	-	-	-	-	-
G.M.F. Land Co., Inc.	Schuykill	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1613-1	Schuykill	-	-	-	-	-	-	-	-	-	-	-	-	-
K&K Coal Co.	Schuykill	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 136-4C	Schuykill	-	-	-	-	-	-	-	-	-	-	-	-	-

District 60

Operators and Mines	County	Production - Net Tons				Total Production:	Ammonium Nitrate (Pounds used)	Dynamite (Pounds used)	Other (Name)	Average of Days Worked	No. of Empl-ies	Fatal Acci-dents	Non-fatal Acci-dents
		Shipped to Market By	Sold to Local Trade	Used at Mine for Steam and Heat									
Kocher Coal Co., Leon E. Strip Permit No. 90-7 Strip Permit No. 90-11 Total	Schuylkill Schuylkill	- 33,615 92,355	- - -	- - -	- - -	58,740 33,615 92,355	587,564 608,893 1,196,457	- - -	- - -	209 200 52	32 20 -	- - -	- - -
Kuperavage, Joseph Strip Permit No. 1245-1 L. C. Enterprises Strip Permit No. 162-3 Reading Anthracite Co. Strip Permit No. 23-3 Strip Permit No. 23-4 Strip Permit No. 23-5 Strip Permit No. 23-14 Strip Permit No. 23-15 Strip Permit No. 23-16 Strip Permit No. 23-20 Total	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	- 8,722 2,091 - 129,405 38,885 12,100 22,095 202,485	- - - - 52,226 15,696 4,885 8,917 81,724	- - - - - - - - -	- - - - - - - - -	8,722 2,091 - 194,883 58,563 18,224 33,275 304,945	- - - 2,266,861 295,506 110,314 330,136 3,002,817	- 100 - 208,400 147,400 24,200 44,150 424,150	- - - - - - - - -	240 129 - 248 245 248 274 248 236 171	2 2 - 1 83 48 1 16 1 21 171	- - - - - - - - -	- - - - 10 4 - 6 - 1 - 21
Ryon Realty Coal, Inc. Strip Permit No. 1248-3 Strip Permit No. 1248-5 Total	Schuylkill Schuylkill	- 10,000 14,137 24,137	- - -	- - -	- - -	10,000 14,137 24,137	4,800 2,200 7,000	- - -	- - -	100 140 6	6) - 6	- - -	- - -
Schuylkill Contracting Co. Strip Permit No. 36-13 Strip Permit No. 36-14 Strip Permit No. 36-15 Total	Schuylkill Schuylkill Schuylkill	- 9,809 - 9,809	- 7,869 -	- - -	- - -	285 7,869 -	285 17,678 -	- - -	- - -	110 225 16	2 14 #	- 1 -	- - 1
Swatara Coal Co. Strip Permit No. 70-4 Strip Permit No. 70-8 Total	Schuylkill Schuylkill	19,013 2,961 21,974	34,858 5,427 40,285	9,507 1,480 10,987	- - -	63,378 9,868 73,246	678,660 2,094 680,754	38,934 500 39,434	- - -	228 80 -	31 5 36	- - 6	- - -
W & W Construction Co. Strip Permit No. 132-2 District Total	Schuylkill	- 273,379	- 337,552	- 93,768	- -	- 704,699	- 5,422,010	- 509,437	- 1,973	180 223	3 353	- -	- 29

NOTE: * HD Primers
Men included with those at other operations, same company.

ANTHRACITE

BREAKERS, WASHERIES AND PREPARATION PLANTS

BREAKERS, WASHERIES AND PREPARATION PLANTS

1977

ANTHRACITE REGION

Dis- trict	Name	Operator	Location	Zip Code
1	Ace Breaker	Ace Anthracite, Inc.	Taylor	18517
1	Alden Cleaning Plant	Silverbrook Anthracite, Inc.	Dupont	18641
1	Ashley Colliery Breaker	Lucky Strike Coal Co.	Hazleton	18201
1	Avoca Cleaning Plant	Thomas Perry Coal Sales Co.	Scranton	18503
1	Beaver Brook Fine Coal Plant	Beaver Brook Coal Co.	Ringtown	17967
4	Beechwood Cleaner Plant	Reading Anthracite Co.	Pottsville	17901
2	Blaschak Breaker	Blaschak Coal Co.	Mahanoy City	17948
1	Bliss Cleaning Plant	Lucky Strike Coal Co.	Hazleton	18201
3	C. & F. Breaker	C & F Coal Co.	Ranshaw	17866
3	Carbon Run Colliery	Rosini Coal Co.	Shamokin	17872
4	Coaldale No. 12 Fine Coal Plant	Bethlehem Mines Corp.	Tamaqua	18252
2	Diamond Fine Coal Plant	Sun Coal Co., Inc.	Mt. Carmel	17851
4	DiRenzo Breaker	DiRenzo Coal Co.	Pottsville	17901
5	Donaldson Breaker	A. & T. Coal Co.	Donaldson	17981
1	Duryea Cleaning Plant	Popple Brothers Coal Co.	Pittston	18640
1	Eckley Breaker	Beltrami Enterprises, Inc.	Hazleton	18201
1	Eckley Cleaning Plant	Beltrami Enterprises, Inc.	Hazleton	18201
2	Filter Media Plant	Gilberton Energy Corp.	Gilberton	17934
1	Forest City Breaker	Anthracite Processing Co., Inc.	Forest City	18421
6	Franklin Breaker	Franklin Coal Co.	Ravine	17966
2	Gilberton Fine Coal Plant	B-D Mining Co.	Gilberton	17934
3	Glen Burn Breaker	Glen Burn Colliery, Inc.	Shamokin	17872
4	Glen Worth Breaker	Glen Worth Coal Co.	Cressona	17929
1	Gowen Breaker	Gowen Coal Co.	Fern Glen	18241
1	Gowen Cleaning Plant	Gowen Coal Co.	Fern Glen	18241
1	Harry E Breaker	Jeddo-Highland Coal Co.	West Pittston	18643
1	Hazleton Shaft Breaker	Jeddo-Highland Coal Co.	West Pittston	18643
5	Hillside Breaker	Hegins Mining Co.	Zerbe	17981
1	Hillside Breaker	Kaminski Coal Co.	Avoca	18641
1	Honeybrook Breaker	Beltrami Enterprises, Inc.	Hazleton	18201
1	Jeddo No. 7 Breaker	Jeddo-Highland Coal Co.	West Pittston	18643
1	Kassa Breaker	Silverbrook Anthracite, Inc.	Dupont	18641
5	Kocher Breaker	Leon E. Kocher Coal Co.	Valley View	17983
4	Lansford No. 6 Washery	Manbeck Dredging Co., Inc.	Schuylkill Haven	17972
1	Laurel Breaker	Northeast Energy Co.	Kingston	18704
3	Lenig Crusher Plant	Lenig Coal Co.	Shamokin	17872
1	Lion Breaker	Jeddo-Highland Coal Co.	West Pittston	18643
2	Locust Summit Bagging Plant	Reading Anthracite Co.	Pottsville	17901
2	Locust Summit Fine Coal Plant	Gilberton Coal Co.	Gilberton	17934
1	Loree Breaker	Heavy Media, Inc.	Larksville	18051
4	Lucanna Fine Coal Plant	Ginther Coal Co.	Hazleton	18201
4	Lytle Washery	Winne Land Co., Inc.	Pottsville	17901
2	Malho Breaker	Malho Coal Co.	Lavelle	17943
4	Maple Springs Breaker	C.L.S. Coal Co.	Branchdale	17923
4	Marlin Breaker	Cass Contracting Co.	Pottsville	17901
1	Marvine Bagging Plant	Beltrami Enterprises, Inc.	Hazleton	18201
1	Mazaika Breaker	Mazaika Coal Co.	Tamaqua	18252
6	Meadowbrook Washery	Meadowbrook Coal Co.	Lykens	17048
2	Metzinger Breaker	Metzinger Coal Co.	Ashland	17921
1	Mildred Breaker	P & M Mining Co.	Mildred	18632
1	Moosic Breaker	Moosic Coal Co.	Moosic	18507
4	Mountain Side Breaker	Mountain Side Coal Co.	Tamaqua	18252
4	New St. Nicholas Breaker	Reading Anthracite Co.	Pottsville	17901
4	New St. Nicholas Fine Coal Plant	Reading Anthracite Co.	Pottsville	17901
4	Old Mill Coal Yard Breaker	Laurie Enterprises, Inc.	Llewellyn	17944
4	Olenick Breaker	Olenick Brothers Coal Co.	Pottsville	17901
1	Olyphant Breaker	Carrier Coal Co.	Carbondale	18407
5	Pine Creek Breaker	Pine Creek Coal Co.	Spring Glen	17978
4	Pine Forest Cleaner Plant	Reading Anthracite Co.	Pottsville	17901
4	Premium Fine Coal Plant	Premium Fine Coal Co., Inc.	Tamaqua	18252
1	Prospect Cleaning Plant	Jeddo-Highland Coal Co.	West Pittston	18643
3	R. & N. Breaker	R. & N. Coal Co., Inc.	Paxinos	17860
3	Ranshaw Washery	Ranshaw Transp. & Auto Wrecker Coal Co.	Ranshaw	17866

Dis- trict	Name	Operator	Location	Zip Code
3	Reitz Breaker	H. J. & H. Coal Co., Inc.	Milton	17847
2	Rosa Breaker	Jeddo-Highland Coal Co.	West Pittston	18643
2	St. Nicholas No. 4 & 5 Plant	Reading Anthracite Co.	Pottsville	17901
2	Savitski Breaker	Savitski Brothers Coal Co.	Atlas	17811
6	Schneck Breaker	Thos. W. Schneck Coal Co.	Suedberg	17963
4	Silver Creek Breaker	Shamrock Coal Co.	New Phila.	17959
4	Silver Spring Washery	Silver Spring Coal Co.	Tamaqua	18252
4	Skytop Breaker	Skytop Coal Co.	Mahanoy City	17948
4	South Tamaqua Breaker	South Tamaqua Coal Pockets, Inc.	Tamaqua	18252
4	Spring Creek Washery	Spring Creek Coal Co.	Tamaqua	18252
3	Sunshine Breaker	Sunshine Coal Co.	Trevorton	17881
5	Superior Breaker	Superior Preparation Co., Inc.	Hegins	17938
5	Swatara Breaker	Swatara Coal Co.	Zerbe	17981
3	Swift Breaker	Swift Coal Co., Inc.	Paxinos	17860
4	Tamaqua No. 14 Breaker	Bethlehem Mines Corp.	Tamaqua	18252
1	Taylor Silt Plant	Colt Coal Co.	Wyoming	18644
1	Tedesco Breaker	Tedesco Brothers Coal Co.	Pardeesville	18243
3	Trevorton Breaker	Reading Anthracite Co.	Pottsville	17901
4	Tuscarora Breaker	Tuscarora Coal Corp.	New Phila.	17959
6	Underkoffler Breaker	Underkoffler Coal Service, Inc.	Lykens	17048
1	Waddell Washery	American Silt Processing Co.	Archbald	18403
1	Wanamie No. 19 Cleaning Plant	Lucky Strike Coal Co.	Hazleton	18201
5	Westwood Washery	Manbeck Dredging Co., Inc.	Joliett	17981

ANTHRACITE OPERATORS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

ANTHRACITE OPERATORS--1977

DM - Denotes companies having deep mines.
S - Denotes companies having strip mines.
bk - Denotes companies having bank operations.
CP - Denotes cleaning plants.
FCP - Denotes fine coal plants.
W - Denotes washeries.
B - Denotes breaker preparation plants.
T - Denotes tourist mine.

District	Company	General Supt.	Address	Zip Code
2	A & H Coal Co. DM	Roy E. Harner	Spring Glen	17978
5	A & T Associates, Inc. B	D. H. Adams, Sr.	R.D. 1, Box 480	Orwigsburg 17961
1	Ace Anthracite, Inc. B bk	John Pasternak	419 Center St.	Taylor 18517
6	Acme Coal Co. DM	Joseph Reho		Williamstown 17098
1	American Silt Processing Co. W	Peter Brojack	Railroad St.	Archbald 18403
1	Anthracite Processing Co., Inc. B bk	Francis McAndrew	3300 Willow Grove	Reading 19605
2	Ashland Com. Enterprises T	G. C. Staudenmeier	19th & Oak Sts.	Ashland 17921
6	Atlas Coal Co. DM	Geo. M. Garber		Williamstown 17098
57	B & C Coal S	Michael Burns	430 W. Main	Girardville 17935
2	B-D Mining Co. FCP bk	Geary C. Hower		Gilberton 17934
3	B.G.P.T. Coal Co. DM	Stanley Grego	836 W. Spruce St.	Shamokin 17872
5	B & S Coal Co. DM	John Behm		Tremont 17981
2	B & Z Coal Co. DM	Albert Zigarski	1433 Poplar St.	Kulpmont 17834
1	Bear Lake Const. Co. bk	Lyle Wolfe	R.D. 2, Box 144	Wilkes-Barre 18702
1	Beaver Brook Coal Co. FCP	Norman James		Beaver Brook 18215
60	Bell Coal Co. S	A. Kovalchick	411 Schuylkill	Tamaqua 18252
1,57,58	Beltrami Enterprises, Inc. B FCP CP S bk	Frank Pascucci	P. O. Box 458	Hazleton 18201
57	Bernitsky Bros. Coal Co. S	Jos. Bernitsky	17 Water St.	New Phila. 17959
4	Bernitsky & Stanulis Part. DM	Jos. Bernitsky	17 Water St.	New Phila. 17959
4,58	Bethlehem Mines Corp. B FCP S bk	A. F. MacDonald	Box 269	Tamaqua 18252
3	Big L Coal Co. DM	John Lenig	R.D. 1, Box 227B	Shamokin 17872
3	Big Oak Coal Co. DM	Raymond Glosek	201 Shamokin St.	Trevorton 17881
60	Birnen Coal Co., Inc. S	D. H. Adams, Jr.	P. O. Box 52	Tremont 17981
2	Blaschak Brothers DM	John Blaschak		Mahanoy City 17948
2	Blaschak Coal Co., Inc. B	Walter Blaschak		Mahanoy City 17948
57	Blue Bell Enterprises S	John Butcavage	339 N. Spruce	Mahanoy City 17948
1	Bone, George Jr. bk	George Bone, Jr.	98 New St.	Pittston 18640
3	Bonnie Lou Coal Co. DM	Joseph Wilk	1727 Park Ave.	Shamokin 17872
2	Botello Coal Co., James bk	Jas. J. Botello	402 W. Preston A.	Girardville 17935
57,58	Brook Contracting Corp. S	George Racho	P. O. Box 98	Hazleton 18201
5	Buck Mt. Coal Co. DM	Lewis Graver	R. D. 2	Pine Grove 17963
2	Burnrite Coal Co. DM	William Reiff	803 Walnut St.	Ashland 17921
3	Bush Coal Co. DM	Robert Lytle	R.D. 2, Box 379	Shamokin 17872
5	Bush Coal Co. DM	Earl Bush	R. D. 1	Tower City 17980
3	C & F Coal Co., Inc. B	L. Chapleski	P. O. Box 5	Ranshaw 17866
2	C. & G. Coal Co. DM	Ronald Geist, Sr.	R.D. 1, Box 389	Ashland 17921
53	C.J.C. Coal Co. S	Louis Coccodrill	P. O. Box 84	Jessup 18434
5	C.L.P. Coal Co. DM	Paul Platko	R. D. 1	Pottsville 17901
4	C.L.S. Coal Co. B	M. A. Raczkowski	P. O. Box 396	Branchdale 17923
60	C-L-S Coal Co. S	Fred. Roehrig	P. O. Box 98	Hazleton 18201
4	C. & T. Coal Co., Inc. bk	Cliff McGeehon	Box 27	Newton Square 19073
1	Carrier Coal Co. B bk	Frank Rapadusky	P. O. Box 282	Olyphant 18447
4	Cass Contracting Co. B	J. V. Ryan	R.D., Box 360½	Pottsville 17901
5	Colket Coal Co. DM	John Messaros	School Row 117	Branchdale 17923
3	Collier Coal DM	Clair Collier	1349 W. Pine St.	Shamokin 17872
1	Colt Coal Co. CP	Louis Falzone	540 Wyoming Ave.	Wyoming 18644
59	Conyngham Contr. Co., Inc. S	Wm. Brennan	215 N. 9th St.	Ashland 17921
4	Coxe Coal Co. DM	John Nolan	1120 Popular St.	Kulpmont 17834
2	Cress Coal Co. DM	Chas. Cress	100 E. Main St.	Big Mine Run 17921
56	Crystal Development Co., Inc. S	J. J. Lynott	P. O. Box 1309	Centrاليا 17927
60	D. & F. Coal Co. S	F. G. Roehrig	P. O. Box 298	Minersville 17954
3	D & M Coal Co. DM	Daniel A. Moroz	R.D.2, Box 379A	Shamokin 17872

District	Company	General Supt.	Address	Zip Code
3	D.R.Z. Coal Co. DM	Steve Shalamanda	R. D. 1	Ashland 17921
1	Denver Coal Co. bk	Henry Lutkowski	P. O. Box 204	Taylor 18517
5	Devils Hole Coal Co. bk	G. B. Gangloff	R. D. 1	New Ringgold 17960
53	Dewees Coal Co., Inc. S	Charles Dewees		Dallas 18612
4	DiRenzo Coal Co. B	Dominick DiRenzo	R. D. 4	Pottsville 17901
60	Drew Development Co. S	Andrew Drebitko	Drawer F	Minersville 17954
5	E. & S. Coal Co. DM	Edward Pogirski	R.D. 2, Box 370A	Pottsville 17901
4	Eagle Hill Coal Co. bk	Daniel Koury	Rr.218 E. Liberty	Sch. Haven 17972
50	East Allen Coal Corp. S	L. A. Liberto	R.D. 3, Box 506	Bath 18014
3	F.E.D. Coal Co. DM	Edward Shingara	R. D. 3	Sunbury 17801
1,53	F. J. & F. Coal Co. S bk	John Giarratano	P. O. Box 764	Pittston 18640
4,6	F. & W. Coal Co. DM	Frank Natale	256 S. Main	Pine Grove 17963
59	Feran Industries, Inc. S	Joe Herzog	R.D. 1,P.O.Box 13	Shamokin 17872
3	4-D Coal Co. DM	Randall Derck	1313 W. Spruce	Shamokin 17872
5	Frailey Coal Co. DM	Vyron Warren	R.D. 3	Pine Grove 17963
6	Franklin Coal Co. B	F. Miller, Jr.		Ravine 17966
3	G.F.J. Coal Co. DM	Geo. Wilkens	1008 N. Pearl	Shamokin 17872
60	G.M.P. Land Co., Inc. S	Hank Leatherman	P. O. Box 55	Tremont 17981
57	Gale Coal Co. S	D. Zimmerman	P. O. Box 73	Port Carbon 17965
2	Gilberton Coal Co. FCP bk	Geary C. Hower		Locust Gap 17840
2	Gilberton Energy Corp. CP	Geary C. Hower		Gilberton 17934
4	Ginther Coal Co. FCP bk	D. F. Bressler	P. O. Box 219	Hazleton 18201
1,2,50	Giza & Oley Enterprises S bk	Raymond Giza	24 Maple St.	Plains 18702
3	Glen Burn Colliery, Inc. B bk	Jos. J. Parker	P. O. Box F	Shamokin 17872
4	Glenn Worth Coal Co. B	Frank Bosack, Jr.		Cressona 17929
1,57	Gowen Coal Co. B CP S	Geo. Boyder, Jr.		Fern Glen 18241
3, 59	H. J. & H. Coal Co.,Inc. B S	Joe Reitz	125 Bridge St.	Sunbury 17801
5	H. & S. Coal Co. DM	John Harman	R. D. 1	Hegins 17938
2	Half-Way Coal Co. DM	Daniel Fedako	1915 Race St.	Ashland 17921
5,6	Hatter Coal Co. DM	Jacques Hatter		Hegins 17938
1	Heavy Media, Inc. B bk	R. E. Temple	160 Nesbitt St.	Larksville 18051
3	Heckla Mach. & Equip. Coal Co. bk	Gene Gangloff	R. D. 1	New Ringgold 17960
4,5	Hegins Mining Co. DM B	Forrest R. Otto	R. D. 2	Hegins 17938
6	Herb Coal Co. DM	Dale Herb	Box 83	Tremont 17981
5	Herring Bros. & Lucas Coal Co. DM	Lester Herring	R.D. 2	Pine Grove 17963
57	J & W. Coal Co. S	Edwin Joy	18 N. Valley St.	New Phila. 17959
1,2,57,58	Jeddo-Highland Coal Co. B CP S bk	Louis Pagnotti	800 Exeter Ave.	West Pittston 18643
56,59	Jet Coal Co. S	J. G. Menapace	Natalie Rd.	Strong 17879
50	Jones & Brague Mining Co. S	R. F. Brague	106 Carpenter St.	Blossburg 16912
59	K. B. S. Contracting Co. S	Glenn Brass	P. O. Box 249	Mt. Carmel 17851
3	K & K Coal Co. DM	Joseph Kroh	935 Walnut St.	Ashland 17921
60	K & K Coal Co. S	B. Kuperavage	133 Val. Furnace	Port Carbon 17965
3	K L & M Coal Co. DM	Gilbert Maurer	1147 Shamokin St.	Trevorton 17881
6	K.M.K. Coal Co. DM	Dennis Mace		Spring Glen 17978
6	K.R.K. Coal Co. DM	Robert Rada		Hegins 17938
2	K. & S. Coal Co. DM	Darvin Smith	R.D. 1, Box 618	Ashland 17921
6	K. & T. Coal Co. DM	Bruce Neumeister		Ashland 17921
3	K & W Coal Co. DM	Robt. Kabonick	Box 61	Shamokin 17872
3	K W Y Coal Co. DM	A. Kucheskie	1576 Pulaski Av.	Shamokin 17872
53	Kaminski Brothers, Inc. S	Walter Kozak	378 State Rd.	Avoca 18641
1	Kaminski Coal Co. B	Walter Kozak	378 State Rd.	Avoca 18641
59	Kerris & Helfrick, Inc. S	John Rosinski	Lehigh & Poplar	Mt. Carmel 17851
6	Kintzel Bros. Coal Co. DM	Nathan Kintzel		Pine Grove 17963
5	Klinger Coal Co. DM	Earl Klinger	R. D. 2	Hegins 17938
5	Knorr Coal Co. DM	Leroy Knorr, Jr.	R. D. 1	Hegins 17938
5,6,60	Kocher Coal Co., Leon E. DM B S	Robt. Rissinger	Box 127	Valley View 17983
60	Kuperavage, Joseph S	Jos. Kuperavage	916 Park Ave.	Port Carbon 17965
50	L. C. Enterprises S	Wm. F. McDonald	R.D. 3, Box 299A	Pottsville 17901
63	L. D. V. F. Associates S	Michael Kassa	322 Simpson St.	Dupont 18641
4	Laurie Enterprises, Inc. B	Robert Derr	Rt. 209	Llewellyn 17944
57,58	Lehigh Valley Anthracite Co.S	Louis Pagnotti	800 Exeter Ave.	West Pittston 18643
3	Lenig Coal Co. CP	Calvin V. Lenig	R.D. 1, Box 117A	Shamokin 17872
2	Locust Dale Mng., Inc. DM	Frederick Dando	Box 359	Minersville 17551
5	Lucas Mining Co. DM	Larry Lucas	R. D.	Klingers town 17941
1,53	Lucky Strike Coal Corp.CP B S	F. Pascucci	P. O. Box 458	Hazleton 18201
6	M.L.K. Coal Co. DM	Joseph Lucas		Good Spring 17981
4	M & M Coal Co. DM	Michael Bubel	129 Lewis St.	Brockton 17925
3	M & R Coal Co. DM	Donald Rebuck	Box 172	Pillow 17080

District	Company	General Supt.	Address	Zip Code	
5	M.S.W. Coal Co. DM	Donald Scheib	Spring Glen	17978	
6	M.W.Z. Coal Co. DM	Henry Maidenford	Joliett	17981	
2	Malho Coal Co. B	Ralph Malho	Lavelle	17943	
4,5	Manbeck Dredging Co.,Inc.W bk	Daniel Koury	Rr.218 E. LibertySch. Haven	17972	
1	Mazaika Coal Co. B	David Mazaika	R. D. 2	Tamaqua	18252
6	Meadowbrook Coal Co. W bk	Leslie Kimmel		Lykens	17048
2	Mercury Coal Co. DM	Leon Richter		Tremont	17981
5	Metzinger Coal Co. B DM	Donald Metzinger	R. D. 2	Ashland	17921
1	Moosic Coal Co. B	A. Giarratano	1000 Springbrook	Moosic	18507
3	Morata Coal Co. DM	Lawrence Morata	1053 Spruce St.	Kulpmont	17834
4	Mountain Side Coal Co. B	Roy Hable	648½ E. Broad	Tamaqua	18252
5	Mountain Top Coal Co. DM	Wm. Vesay	415 Francis St.	Minersville	17954
2	N.B.C. Coal Co. DM	Lamar Kerstetter	R.D. 2, Box 328	Shamokin	17872
3	N & L Coal Co. DM	Anthony Novrocki	R.D. 1, Box 212	Paxinos	17860
57,58	N & L Coal Co. S	H. Travis	724 Centre St.	Ashland	17921
4	Niadna Coal Co. DM	Frank Niadna	146 Water St.	New Phila.	17959
59	North Line Coal Co. S	C. Wayne Troxell	P. O. Box L	Shamokin	17872
3	North Mt. Coal Co.,Inc. DM	A. Raczkowski	1237 W. Nelson	Shamokin	17872
1,53	Northeast Energy Co. B S	Michael Corgan	466 Wyoming Ave.	Kingston	18704
1	Nowakowski Construction bk	Jos. Nowakowski	15 Parsonage St.	Pittston	18640
1	Oeller Contracting bk	Robt. Oeller	100 Springbrook	Moosic	18507
6	OKay Coal Co. DM	Leonard Harner		Spring Glen	17978
4	Olenick Bros. Coal Co. B	Nicholas Olenick	R.D. 1, Box 117A	Pottsville	17901
5	Orchard Coal Co. DM	Franklin Lucas		Pine Grove	17963
53	P & C Excavating Co. S	Patrick Verrastro	530 Electric St.	Scranton	18509
4	P & H Coal Co. DM	Walter Pewor	R.D. 2, Box 550	Tamaqua	18252
1	P & M Mining Co. B	Paul Percival	P. O. Box 206	Mildred	18632
6	P. & S. Coal Co. DM	Peter Poletti		Valley View	17983
57	Pacine Coal Co. S	Carl Pacine	Moss Glen Rd.	Brockton	17925
57	Pacine Coal Co., Michael J. S	Michael Pacine	Water St.	Cumbola	17930
53	Pasternak Brothers S	John Pasternak	419 Center St.	Taylor	18517
1	Pazzalia Coal Co. bk	Richard Pazzalia	1532 Main St.	Peckville	18452
57	Peck Coal Co., Joe S	Robt. Rosenstein	2270 W. Norwegian	Pottsville	17901
50	Percival, John S	Rex Crammer	248 Main St.	Blossburg	16912
1	Perry Coal Sales Co., Thos. CP bk	Emmett Caterina	1416 Penn Ave.	Scranton	18503
1,2,4	Phoenix Contracting Co. bk	Wm. L. Jones, Jr.	P. O. Box 433	Pottsville	17901
5	Pine Creek Coal Co. B	Ronald Klingler		Spring Glen	17978
3	Pine Line Coal Co. DM	Metro Kokolas	426 Water St.	Ranshaw	17866
59	Pinto Coal Co. S	Frank Lotzi		Trevorton	17881
2	Poleovich Coal Co. DM	John Poleovich	103 E. Center	Centrallia	17927
1	Pollock, Inc., Ken bk	Ken Pollock		Hunlock Creek	18621
1	Popple Brothers CP bk	Raymond Popple	205 Lippi Bldg.	Pittston	18640
1,4	Premium Fine Coal Co., Inc. FCP bk	John Fiderak	R.D. 2, Box 111	Tamaqua	18252
59	R.B.F. Coal Co. S	Robt. Fanella	211 W. Saylar St.	Atlas	17851
3	R. L. & M. Coal Co. DM	Garry Rebeck	R.D. 3, Box 34B	Sunbury	17801
3	R & N Coal Co., Inc. B	E. Swank	Box 336-C	Paxinos	17860
3	Ranshaw Transp. & Auto Wrecker Coal Co. W	Leonard Chapleski	P. O. Box 5	Ranshaw	17866
2,3,4,57,59,60	Reading Anthracite Co. B FCP CP S bk	Harry M. Hale	200 Mahantongo	Pottsville	17901
1,53	Romanski, Jerome & Lois S bk	Jerome Romanski	10 Union St.	Inkerman	18640
3,59	Rosini Coal Co. B S	E. J. Rosini	P. O. Box 184	Shamokin	17872
60	Ryon Realty Co., Inc. S	Jos. Kovaleski		Llewlyn	17944
4	S & N Coal Co. DM	Geo. Sorokach	R.D. 2, Box 504A	Pottsville	17901
6	S. & S. Coal Co. DM	Wm. Showers		Williamstown	17098
6	S. & T. Coal Co. DM	Alvin Bixler		Valley View	17983
6	S. & T. Coal Co. DM	Allen Tobin, Sr.		Tower City	17980
1	S & T Coal Co. bk	Jos. D. Stella	23 Birch Ave.	Plains	18705
4	S. & Z. Coal Co. DM	Edward Sorokach	R.D. 2, Box 516	Pottsville	17901
2	Savitski Bros. Coal Co. DM B	Jos. Savitski		Atlas	17851
6	Schneck Coal Co.,Thos. W. B	Thos. W. Schneck	R. D. 4	Pine Grove	17963
4,60	Schuylkill Contr., Inc. S bk	Frank Ryan	R.D., Box 360½	Pottsville	17901
2	Scott Coal Co. DM	Raymond Dunsavage	R. D. 1	Barnesville	18214
6	Shade Coal Co. DM	Clayton Shade		Sacramento	17968
59	Shally Coal Co. S	Steve Shalamanda	R.D.2, Box 9	Ashland	17921
4	Shamrock Coal Co. DM B	Jos. Mollir	P. O. Box 516	New Phila.	17959
5	Sharp Mt. Coal Co. DM	Howard Koppenhaver	P.O. Box 127	Tremont	17981
6	Shomper Coal Co. DM	Russel Shomper		Williamstown	17098
2	Silver Coal Co. DM	Ronald Geist, Sr.	R.D. 1, Box 389	Ashland	17921
1,53	Silverbrook Anthracite, Inc. B CP S bk	Michael Kassa	322 Simpson St.	Dupont	18641

District	Company	General Supt.	Address	Zip Code
4	Skytop Coal Co. B	F. J. DiCasimiro	P. O. Box 330	Mahanoy City 17948
3	Skyview Coal Co. DM	Edward Glosek		Klingerstown 17941
2	Sluck Coal Co. DM	Jos. Sluck	Box 395	Gilberton 17934
6	Smeltz Coal Co. DM	Clair Schwalm		Valley View 17983
3	Snyder Coal Co. DM	Dennis Snyder	R.D. 2, Box 46A	Hegins 17938
4	South Tamaqua Coal Pockets, Inc. B	Clarence Warne	R. D. 3	Tamaqua 18252
59	Split Vein Coal Co. S	Elwood Swank	P. O. Box 336-C	Paxinos 17860
4	Spring Creek Coal Co. W	Lawrence Bechtel	R.D. 3, Box 37	Tamaqua 18252
2	Sun Coal Co., Inc. FCP	Wm. H. Brennan	P. O. Box 412	Mt. Carmel 17851
3	Sunshine Coal Co. B	Ernest Steinhart	P. O. Box 502	Trevorton 17881
5	Superior Prep. Co., Inc. B	Roy Blyler	R. D. 1	Hegins 17938
5,60	Swatara Coal Co. B S	J. S. Butcavage	P. O. Box G	Minersville 17954
3	Swift Coal Sales, Inc. B	Adam Swift, Jr.	R. D.	Paxinos 17860
3	T. & L. Coal Co. DM	Stephen Shingara	R. D. 3	Sunbury 17801
57	Tancredi, Joseph S	Jos. Tancredi	307½ W. Coal St.	Shenandoah 17976
1	Tedesco Bros. Coal Co. B bk	Frank Tedesco	P. O. Box 4	Pardeesville 18243
5	Tracy Coal Co. DM	Randy Rothermel	R. D. 1	Klingerstown 17941
58	Tri County Land & Coal Co. S	C. E. Wezner	P. O. Box 98	Hazleton 18201
4	Tuscarora Coal Corp. B	R. J. Legutko	P. O. Box 447	New Phila. 17959
6	Underkoffler Coal Co. DM	Glen Underkoffler		Williamstown 17098
6	Underkoffler Coal Service, Inc. B	W. Swartlander		Lykens 17048
60	W & W Construction Co. S	Jos. Walacavage	R.D. 1, Box 548	Pottsville 17901
5	Walaitis Coal Co. DM	John Walaitis	40 S. Wylam St.	Frackville 17931
6	Wenrich Coal Co. DM	Whalen Wenrich		Spring Glen 17978
57	Westgate Mobile Home Park, Inc. S	N. Gagliardi	Hollar's Hill	Hazleton 18201
6	Williamson Coal Co., Inc. DM	A. R. Williamson	1504 W. Maple	Valley View 17983
4	Winne Land Co., Inc. W	Robt. Bickel	R.D. 2, Box 360½	Pottsville 17901
6	Wolfe Coal Co. DM	Thos. I. Wolfe		Pine Grove 17963
2,5	Wolfgang Bros. Coal Co. DM	L. G. Wolfgang	R.D. 1, Box 231	Ashland 17921
5	Woratyla Coal Co. DM	Andrew Woratyla	P. O. Box 2	Llwellyn 17944
2	Zakrewsky Coal Co. DM	Peter Zakrewsky	Box 293, Park Cr.	Barnesville 18214
6	Zimmerman Coal Co., Marlin DM	Marlin Zimmerman		Ravine 17966

**BITUMINOUS
COAL
REGION
STATISTICAL
REPORTS**

BITUMINOUS COAL

Production, Employees, Fatalities, 1877 to 1977

Year	Production (Net Tons)*	Stripping Production	Em- ployes	Fatal- ities	Produc- tion Per Fatal- ity	Fatal- ities Per 1000 Em- ployes	Fatal- ities Per 1,000,000 Tons Pro- duced	No. of Mine In- spec- tors
1877	1,305,932	-	16,627	13	100,456	0.78	9.95	3
1878	12,500,741	-	25,787	48	260,432	1.86	3.84	3
1879	14,341,369	-	27,286	55	242,570	2.01	3.84	3
1880	16,564,440	-	33,391	48	345,092	1.43	2.90	3
1881	15,916,123	-	35,530	57	279,230	1.60	3.58	4
1882	20,694,110	-	42,393	94	220,150	2.22	4.54	4
1883	18,729,817	-	35,091	54	346,848	1.54	2.88	6
1884	20,553,090	-	39,904	105	195,744	2.63	5.11	6
1885	23,413,692	-	44,145	83	282,092	1.88	3.54	8
1886	27,107,173	-	52,364	74	366,313	1.41	2.73	8
1887	29,966,855	-	57,868	84	356,748	1.45	2.80	8
1888	33,772,286	-	61,565	90	375,248	1.46	2.66	8
1889	34,625,054	-	62,084	105	329,762	1.69	3.03	8
1890	40,884,103	-	67,383	146	273,179	2.17	3.57	8
1891	41,805,642	-	74,135	237	176,395	3.20	5.67	8
1892	46,581,575	-	78,805	134	347,623	1.70	2.88	8
1893	43,421,898	-	81,872	131	334,015	1.60	3.02	10
1894	39,800,210	-	86,118	123	320,969	1.43	3.09	10
1895	51,818,112	-	84,976	156	332,167	1.84	3.01	10
1896	50,284,692	-	83,801	180	279,359	2.15	3.58	10
1897	54,625,272	-	86,553	150	364,168	1.73	2.75	10
1898	64,247,665	-	87,803	200	321,238	2.28	3.11	10
1899	73,066,945	-	91,505	258	283,205	2.82	3.53	10
1900	79,318,362	-	108,735	265	299,315	2.44	3.34	10
1901	80,914,236	-	117,501	301	268,818	2.56	3.72	12
1902	98,529,122	-	135,611	456	216,072	3.36	4.63	12
1903	103,713,982	-	151,745	402	257,995	2.65	3.88	15
1904	99,600,167	-	155,747	536	185,821	3.44	5.38	15
1905	119,361,514	-	164,941	479	249,189	2.90	4.01	16
1906	129,532,989	-	172,928	477	271,557	2.76	3.68	18
1907	149,559,047	-	183,121	806	185,557	4.40	5.39	20
1908	114,937,375	-	181,840	572	200,939	3.15	4.98	20
1909	136,205,695	-	185,921	506	269,181	2.72	3.71	21
1910	148,770,858	-	193,488	539	276,013	2.79	3.62	21
1911	142,189,329	-	182,653	515	276,096	2.82	3.62	25
1912	160,830,492	-	182,642	446	360,606	2.44	2.77	26
1913	172,965,659	-	189,909	611	283,086	3.22	3.53	28
1914	145,884,530	-	196,038	413	353,231	2.11	2.83	28
1915	157,420,068	-	187,734	442	356,154	2.35	2.81	30
1916	169,123,814	-	174,304	436	387,899	2.50	2.58	30
1917	171,074,411	-	186,586	494	346,304	2.65	2.89	30
1918	177,217,294	-	181,678	494	358,739	2.72	2.79	30
1919	147,085,781	-	180,831	401	366,797	2.22	2.73	30
1920	166,929,002	-	184,168	424	393,700	2.30	2.54	30
1921	114,447,134	-	200,419	284	402,983	1.42	2.48	30
1922	108,310,046	-	194,630	424	255,448	2.18	3.91	30
1923	169,181,137	-	200,538	401	421,898	2.00	2.37	30
1924	128,751,028	-	174,469	345	373,191	1.98	2.68	30
1925	135,266,612	-	165,586	312	433,547	1.88	2.31	30
1926	151,746,464	-	164,782	421	360,443	2.55	2.77	30
1927	131,644,922	-	158,204	355	370,831	2.24	2.70	30
1928	129,846,153	-	137,944	508	255,603	3.68	3.91	30
1929	142,351,359	-	135,272	378	376,591	2.79	2.66	30
1930	123,417,850	-	133,703	296	416,952	2.21	2.40	30
1931	96,844,250	-	119,265	208	465,597	1.74	2.15	30
1932	74,162,485	-	106,597	155	478,468	1.45	2.09	30
1933	78,511,846	-	116,917	135	581,569	1.15	1.72	26
1934	89,592,481	-	127,868	157	570,653	1.23	1.75	26
1935	91,140,273	-	129,346	161	566,089	1.24	1.77	26
1936	108,964,865	-	133,914	190	573,499	1.42	1.74	26
1937	110,417,947	-	133,487	186	593,645	1.39	1.68	25

Year	Production (Net Tons)*	Stripping Production	Em- ployes	Fatal- ities	Produc- tion Per Fatal- ity	Fatal- ities Per 1000 Em- ployes	Fatal- ities Per 1,000,000 Tons Pro- duced	No. of Mine In- spec- tors
1938	76,881,944	-	115,347	119	646,067	1.03	1.55	25
1939	89,397,222	2,792,966	117,959	120	744,977	1.02	1.34	25
1940	111,416,916	2,808,607	117,832	188	592,643	1.60	1.69	25
1941	127,469,207	6,479,207	124,941	166	767,887	1.33	1.30	23
1942	142,759,573	10,303,160	115,451	187	763,420	1.62	1.31	27
1943	139,801,363	17,177,054	105,903	178	785,401	1.68	1.27	26
1944	144,408,418	22,211,661	99,942	164	880,539	1.64	1.14	25
1945	130,696,854	26,675,095	98,764	141	926,928	1.43	1.08	27
1946	123,587,065	31,027,425	103,894	128	965,524	1.23	1.04	27
1947	144,761,964	35,946,734	109,202	134	1,080,313	1.23	0.93	27
1948	130,627,789	33,483,099	110,326	114	1,145,857	1.03	0.87	27
1949	87,351,892	21,326,389	100,119	65	1,343,875	0.65	0.74	29
1950	103,439,887	25,460,343	94,514	83	1,246,264	0.88	0.80	29
1951	106,680,097	22,688,543	86,369	70	1,524,011	0.81	0.66	28
1952	87,308,999	19,462,498	76,676	63	1,385,857	0.82	0.72	30
1953	91,938,156	19,538,037	69,126	67	1,372,211	0.97	0.73	30
1954	70,823,985	16,954,885	55,405	44	1,609,636	0.79	0.62	29
1955**	85,042,677	19,212,869	52,103	50	1,700,854	0.96	0.59	27
1956	88,595,658	21,694,916	50,529	51	1,737,170	1.01	0.58	26
1957	84,064,493	20,558,733	46,989	53	1,586,123	1.13	0.63	30
1958	67,398,564	19,548,293	41,309	32	2,106,205	0.77	0.47	31
1959	65,627,585	20,506,999	37,337	35	1,875,074	0.94	0.53	31
1960	65,595,999	21,028,887	33,396	26	2,522,923	0.78	0.40	29
1961	63,171,313	20,892,758	29,633	22	2,871,423	0.74	0.35	26
1962	65,648,015	22,235,984	27,264	59	1,112,678	2.16	0.90	28
1963	71,258,957	24,233,668	26,216	21	3,393,284	0.80	0.29	30
1964	77,321,793	24,019,760	26,008	18	4,295,655	0.69	0.23	30
1965	80,119,548	23,681,102	25,206	33	2,427,865	1.31	0.41	32
1966	81,449,647	24,701,150	24,729	28	2,908,916	1.13	0.34	33
1967	79,101,385	21,729,033	23,811	27	2,929,681	1.13	0.34	33
1968	75,714,611	20,512,477	23,117	29	2,610,849	1.25	0.38	33
1969	78,185,036	21,652,731	22,969	25	3,127,401	1.09	0.32	33
1970	80,091,922	24,161,015	24,667	30	2,669,731	1.21	0.37	42
1971	71,776,681	26,861,508	26,549	32	2,243,021	1.21	0.45	42
1972	75,863,137	25,717,040	25,627	19	3,992,797	0.74	0.25	45
1973	76,796,661	29,326,629	26,722	17	4,517,450	0.64	0.22	45
1974	80,042,191	36,056,422	29,108	20	4,002,109	0.68	0.24	45
1975	84,479,031	37,577,930	34,170	17	4,969,354	0.49	0.20	45
1976	85,747,874	40,242,401	36,240	19	4,513,046	0.52	0.22	49
1977	86,421,876	46,605,297	38,307	12	7,201,823	0.31	0.14	51

* Includes stripping production

** In 1955, and subsequent years, the production, employees and fatalities of deep mines employing fewer than five (5) persons inside are included in the Division totals.

BITUMINOUS COAL REGION
PRODUCTION OF COAL, EMPLOYEES, FATALS AND NUMBER OF MINES BY COUNTY

1977

County	Deep Production	Strip Production	Auger Production	Refuse Production	Total Production	Deep Employees	Strip Employees	Auger Employees	Refuse Employees	Tipple & Plant Employees	Total Employees	Fa- tals	Acci- dents	Production Participa- tion	No. of Non- fatal Acci- dents	No. of Strip Auger Mines	Total No. of Tipple & Refuse Preparation Plants
Allegheny	3,112,591	508,549	-	-	3,621,140	1,659	154	736	31	231	2,024	1	3,021,140	-	214	171	6
Armstrong	3,508,567	3,910,694	84,948	-	7,504,209	1,500*	7	47	2	115	2,66	-	-	-	1	12	17
Beaver	-	193,264	7,944	-	201,208	-	-	-	-	10	50	-	-	-	3	7	-
Bedford	-	162,933	-	-	162,933	-	-	-	-	-	-	-	-	-	-	-	-
Blair	-	31,135	-	-	31,135	-	-	14	-	6	2	-	-	-	-	3	1
Bradford	201,031	1,382,661	2,887	-	1,586,579	204	-	-	-	2	2	-	-	-	-	-	1
Butler	3,558,463	2,546,935	12,156	-	6,117,567	4,379	492	3	130	56	598	-	49	56	-	-	10
Cambria	483,167	785,033	-	644,013	1,268,200	198	172	3	130	475	5,479	1	6,761,567	667	93	7	16
Centre	-	5,754,798	29,850	-	5,784,648	-	1,110	6	-	85	455	-	18	22	-	-	5
Clarion	602,715	8,673,745	23,281	-	9,299,741	238	2,011	7	-	180	1,296	-	20	160	-	-	15
Clearfield	-	538,909	-	-	538,909	-	136	-	-	22	158	-	70	297	-	-	24
Clinton	-	779,960	3,976	-	783,956	-	126	3	-	4	133	-	2	36	-	1	1
Elk	644,422	2,510,311	13,395	27,530	3,195,658	485	647	3	10	255	1,400	1	3,195,658	51	153	3	8
Fayette	-	44,000	-	-	44,000	-	-	-	-	-	-	-	-	-	-	-	-
Fulton	6,248,656	834,928	-	-	7,083,584	4,167	190	-	-	323	4,589	4	7,083,584	257	65	2	6
Greene	-	4,200	-	-	4,200	-	-	-	-	-	-	-	-	-	-	-	-
Harrison	7,767,995	2,673,878	53,141	40,232	10,535,246	4,720	598	19	12	297	5,646	1	10,535,246	682	166	3	17
Indiana	31,296	3,178,915	11,265	-	3,221,476	33	642	5	-	69	749	1	3,221,476	29	137	-	12
Jefferson	-	754,475	29,135	-	783,610	-	119	6	-	5	130	-	7	26	-	-	1
Lawrence	-	480,573	-	-	480,573	-	59	-	-	5	64	-	-	-	1	5	2
Lycoming	-	345,249	-	-	345,249	-	41	-	-	21	62	-	8	9	-	-	2
Mercer	2,584,663	4,461,522	39,796	-	7,085,981	1,547	1,186	12	-	375	3,120	1	7,085,981	208	238	-	23
Somerset	-	681,209	-	-	681,209	-	135	-	-	8	143	1	681,209	4	9	-	1
Tioga	-	869,850	-	-	869,850	-	130	-	-	-	130	-	-	-	-	22	-
Venango	9,261,209	1,930,564	1,800	547	11,194,120	5,253	458	2	6	225	5,944	3	3,731,373	282	88	1	7
Washington	755,773	2,596,787	20,961	9,174	3,382,695	409	535	4	18	63	1,029	-	-	-	16	135	3
Westmoreland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REGION TOTAL	38,760,548	46,605,297	334,535	721,496	86,421,876	24,779	10,139	103	176	3,110	38,307	12	7,201,823	2,712	1,980	17	182

* Includes four coke employees.

SUMMARY OF BITUMINOUS COAL MINES, PRODUCTION AND FATALITIES BY DISTRICT
1977

District	Inspector	No. of Mines	No. of Operat- ing Mines	No. of Tipples	No. of Total Mines	No. of Non- gas- eous Mines	No. of Deep Em- ploy- ees	No. of Strip Em- ploy- ees	No. of Auger Em- ploy- ees	No. of Refuse Em- ploy- ees	No. of Total Em- ploy- ees	Deep Pro- duc- tion	Strip Pro- duc- tion	Auger Pro- duc- tion	Refuse Pro- duc- tion	Total Pro- duc- tion	Total Fatal Acci- dents	No. of Fatal Acci- dents	No. of Non- Fatal Acci- dents	
1	Jesse L. Bolen	13	3	15	18	2	1,458	1	426	-	131	49	107,058	-	-	-	107,058	1	114,362	4
2	Jesse L. Bolen, Actg.	4	1	-	4	10	6	-	1,976	-	242	2,218	3,338,997	-	-	-	3,338,997	1	3,538,997	110
3	P. H. Hyatt	4	6	-	10	6	-	1,976	-	-	81	1,062	1,088,080	-	-	-	1,088,080	-	1,088,080	60
4	Edward C. Urbany	10	16	-	26	18	11	5	981	-	70	1,043	1,780,347	-	-	-	1,780,347	1	1,780,347	80
5	Frank J. Shofar, Jr.	4	4	-	8	4	-	973	-	-	12	1,401	2,849,496	-	-	-	2,849,496	2	1,424,748	49
6	John J. Hunter, Actg.	3	5	-	8	4	-	1,318	-	-	266	1,564	1,392,998	-	-	-	1,392,998	1	1,392,998	162
7	John J. Hunter, Actg.	4	4	-	8	4	-	1,298	-	-	266	1,564	1,392,998	-	-	-	1,392,998	1	1,392,998	162
8	J. M. Hynes	4	5	-	9	3	2	1,298	-	-	296	472	432,675	-	-	-	432,675	-	432,675	22
9	Gerald F. Moody	30	3	36	39	3	1,176	-	-	-	27	1,153	2,819,241	-	-	-	2,819,241	-	2,819,241	168
10	Jesse L. Bolen, Actg.	5	6	-	11	10	5	1,126*	-	-	63	795	1,573,239	-	-	-	1,573,239	-	1,573,239	83
11	Walter Christopher	9	10	-	19	6	4	732	-	-	63	540	896,954	-	-	-	896,954	-	896,954	21
12	John J. Hunter	3	3	-	6	2	1	477	-	-	135	1,068	1,211,175	-	-	-	1,211,175	-	1,211,175	55
13	J. M. MacInok	3	3	-	6	2	1	1,033	-	-	115	1,068	1,211,175	-	-	-	1,211,175	-	1,211,175	55
14	J. M. MacInok	22	10	18	32	3	10	1,033	-	-	100	756	1,053,255	-	-	-	1,053,255	-	1,053,255	117
15	John P. Boback	10	13	-	23	6	19	4	656	-	100	756	1,053,255	-	-	-	1,053,255	-	1,053,255	117
16	L. D. Kimmel	2	4	-	6	3	1	1,443	-	-	42	1,465	1,774,978	-	-	-	1,774,978	-	1,774,978	143
17	Gerald F. Moody, Actg.	20	4	25	27	1	1,260	-	-	-	328	588	653,207	-	-	-	653,207	-	653,207	34
18	W. L. Reynolds, Actg.	2	3	-	5	4	3	1,052	-	-	73	1,125	773,017	-	-	-	773,017	1	773,017	270
19	William Garey	4	5	-	9	3	2	1,438	-	-	108	1,546	2,142,623	-	-	-	2,142,623	-	2,142,623	316
20	Eno Chellini	4	5	-	9	3	2	1,438	-	-	135	1,068	1,211,175	-	-	-	1,211,175	-	1,211,175	55
21	Michael Phillips	22	17	7	39	15	3	983	-	-	135	1,068	1,211,175	-	-	-	1,211,175	-	1,211,175	55
22	Michael Phillips	22	17	7	39	15	3	983	-	-	135	1,068	1,211,175	-	-	-	1,211,175	-	1,211,175	55
23	Wayne L. Reynolds	21	9	15	24	2	15	679	-	-	150	829	1,097,180	-	-	-	1,097,180	-	1,097,180	45
24	Anthony E. Valeri	5	4	-	9	6	70	-	-	-	225	895	1,317,677	-	-	-	1,317,677	1	1,317,677	123
25	Robert E. Fulton	5	7	-	12	8	4	1,312	-	-	49	1,361	2,726,277	-	-	-	2,726,277	1	2,576,277	168
26	A. M. Pawlosky	4	5	-	9	3	1	1,451	-	-	31	1,444	2,725,945	-	-	-	2,725,945	-	2,725,945	84
27	Werte Orey	18	24	3	42	33	11	1,666	-	-	179	1,797	2,110,000	-	-	-	2,110,000	-	2,110,000	39
28	William Sway	25	44	1	69	46	2	266	-	-	316	1,269	2,311,800	-	-	-	2,311,800	-	2,311,800	79
29	William Sway	25	44	1	69	46	2	266	-	-	316	1,269	2,311,800	-	-	-	2,311,800	-	2,311,800	79
30	William Sway	25	44	1	69	46	2	266	-	-	316	1,269	2,311,800	-	-	-	2,311,800	-	2,311,800	79
31	William Sway	25	44	1	69	46	2	266	-	-	316	1,269	2,311,800	-	-	-	2,311,800	-	2,311,800	79
32	William Sway	25	44	1	69	46	2	266	-	-	316	1,269	2,311,800	-	-	-	2,311,800	-	2,311,800	79
33	Timothy Vandyke	17	29	-	46	29	-	192	-	-	192	1,920	2,311,800	-	-	-	2,311,800	-	2,311,800	6
34	James King	49	72	2	121	41	-	190	-	-	190	1,920	2,311,800	-	-	-	2,311,800	-	2,311,800	3
35	William Back	37	77	-	114	77	-	393	-	-	393	1,300	925	-	-	-	1,300,925	-	1,300,925	3
36	Fred Ullsney	38	77	-	114	77	-	393	-	-	393	1,300	925	-	-	-	1,300,925	-	1,300,925	3
37	Fred Ullsney	38	77	-	114	77	-	393	-	-	393	1,300	925	-	-	-	1,300,925	-	1,300,925	3
38	Bernard Snyder	36	79	15	94	-	94	-	382	-	411	396	397	71,781	-	-	1,818,178	-	1,818,178	2
39	Henry Fortner	43	58	6	94	64	-	344	-	-	396	2,164	297	71,781	-	-	1,818,178	-	1,818,178	4
40	C. Speelman/A. Colberg	36	63	7	99	64	-	344	-	-	396	2,164	297	71,781	-	-	1,818,178	-	1,818,178	9
41	Virgil Ordway	21	39	1	60	40	-	256	-	-	256	1,554	764	27,919	-	-	5,182,683	-	5,182,683	13
42	Edward V. Moore	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
43	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
44	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
45	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
46	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
47	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
48	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
49	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
50	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
51	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
52	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
53	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
54	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
55	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
56	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
57	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
58	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
59	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
60	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
61	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
62	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
63	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
64	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
65	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
66	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
67	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
68	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
69	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
70	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
71	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
72	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	4
73	William Smith	30	72	2	74	74	-	347	-	-	347	1,469	884	1,931	-	-	1,471,815	-	1,471,815	

BITUMINOUS COAL REGION
PRODUCTION OF COAL AND COKE, EMPLOYEES AND ACCIDENTS
1977

District	Shipped to Market			Coal Used Locally For Domestic Purposes	Coal Used In The Manufacture Of Coke	Total Production Of Coke	Total Production Of Coal	Average Days Worked	Number Of Employees	Fatal Accidents	Nonfatal Accidents
	By Rail	By Water	By Truck								
1	506,387	-	-	671	-	507,058	-	212	579	-	25
2	14,762	-	99,600	-	-	114,362	-	221	4	-	4
3	19,788	3,514,650	11	4,548	-	3,538,997	-	221	2,218	1	110
4	-	898,229	189,014	837	-	1,088,080	-	178	1,062	-	60
5	1,323,251	27,590	-	-	-	2,780,347	-	222	1,043	1	80
6	423,986	1,634,283	241,151	-	-	2,300,420	-	225	1,468	2	49
7	1,533,089	2,043,574	51	1,002	32	3,607,768	-	225	1,902	1	49
8	-	1,506,124	185,374	1,500	-	1,392,998	-	200	1,544	-	142
9	184,738	-	247,437	500	-	432,675	-	262	1,472	-	22
10	33,868	-	2,781,357(a)	-	4,016	2,819,241	2,208	209	1,153	-	148
11	547,949	-	1,023,622	1,668	-	1,573,239	-	226	795	-	83
12	721,476	-	174,920	538	-	896,954	-	230	540	-	21
13	-	1,207,386	-	3,789	-	1,211,175	-	233	1,068	-	55
14	112,326	-	117,036	8,295	-	237,657	-	204	251	-	24
15	196,589	-	855,418	8,295	-	1,053,255	-	213	1,756	-	117
16	-	-	1,652,569(b)	122,409	-	1,530,160	-	225	1,484	-	133
17	653,207	-	-	-	-	653,207	-	225	1,488	-	34
18	503,425	-	260,152	9,440	-	773,017	-	215	1,125	1	270
19	2,166,748	-	45,515	360	-	2,212,623	-	214	1,546	-	316
20	216,861	-	109,420	352	-	326,633	-	158	1,123	-	23
21	599,095	-	305,054	5,677	-	909,826	-	198	41	-	45
22	262,798	156,338	547,722	22,537	107,785	1,097,180	-	182	829	-	123
23	28,124	-	480,098	391	809,064	1,317,677	-	217	895	1	123
24	1,043,158	-	243,918	2,827	-	1,289,903	-	175	1,650	-	210
25	1,513,586	1,054,826	2,576,277(c)	-	-	2,576,277	-	206	1,361	1	168
26	1,171,622	-	1,171,622	1,711	-	1,173,333	-	243	1,379	-	39
27	1,005,179	-	1,128,601	1,017	-	2,130,787	-	243	1,379	-	39
28	199,904	-	1,728,627	56,187	-	1,984,818	-	256	174	-	17
29	-	-	1,233,947	23,226	-	1,271,638	-	274	192	-	9
30	-	14,465	611,505	2,400	-	661,273	-	153	6	-	6
31	-	47,368	440,757	2,400	-	834,928	-	182	190	-	3
32	153,571	394,171	858,713	51,690	-	1,341,850	-	198	406	-	3
33	-	277,876	858,713	277,876	-	1,209,386	-	204	254	-	3
34	-	897,279	309,667	2,440	-	1,634,655	-	206	407	-	9
35	36,877	1,493,897	1,493,897	20,146	-	1,500,816	-	209	304	-	2
36	1,137,795	1,455,706	8,233	8,233	-	2,600,816	-	209	304	-	2
37	1,442,920	1,137,795	1,014,607	25,265	-	2,377,466	-	200	956	-	9
38	3,467,672	-	1,714,623	550	-	5,182,683	-	284	990	-	13
39	430,192	-	1,041,623	-	-	1,471,815	-	273	256	-	4
40	1,330,760	-	400,296	-	-	1,731,056	-	249	349	1	6
41	756,639	701,654	831	831	-	1,459,124	-	230	298	-	17
42	791,363	445,598	33,360	33,360	-	1,270,321	-	313	313	-	8
43	224,542	1,204,944	98,914	98,914	-	1,528,400	-	204	327	-	8
44	376,314	684,546	67	67	-	1,060,927	-	220	369	-	8
45	535,547	1,079,051	61,113	61,113	-	1,675,711	-	209	397	-	11
46	1,412,920	1,178,584	2,482	2,482	-	2,604,608	-	228	545	-	12
47	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
48	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
49	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
50	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
51	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
52	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
53	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
54	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
55	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
56	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
57	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
58	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
59	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
60	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
61	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
62	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
63	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
64	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
65	1,973,996	1,278,584	2,482	2,482	-	2,604,608	-	228	545	-	12
TOTAL	30,210,728	13,915,847	40,744,872(d)	629,532	920,897	86,421,876	2,208	213	38,307	12	2,712

NOTE: (a) 2,241,296 tons were transported by conveyor belt. (c) 1,855,602 tons were transported by conveyor belt.
(b) 1,407,988 tons were transported by conveyor belt. (d) 5,504,886 tons were transported by conveyor belt.

SUMMARY OF BITUMINOUS COAL EMPLOYEES--1977

District	INSIDE EMPLOYEES						OUTSIDE EMPLOYEES						Total and Outside
	Hand Loaded Mining						Super- inten- dents Clerks	Prep- ara- tion Plants & Coke		Total Outside			
	Shot Fires	Pick Miners	Outting Machine Operators	Hand Loading Miners	Mechanical Loading	All Others		Tipplers	Others				
1	-	-	-	-	130	265	395	30	-	121	3	184	579
2	-	-	-	-	35	-	35	3	-	7	4	14	49
3	-	-	-	-	561	1,075	1,636	177	-	242	163	582	2,218
4	-	-	-	-	336	358	695	150	-	91	136	367	1,062
5	1	-	-	-	423	699	1,122	28	-	162	63	252	1,401
6	-	-	-	-	550	1,198	1,748	41	-	126	129	294	2,042
7	-	-	-	-	550	3	1,110	46	-	246	142	434	1,544
8	-	-	-	-	1,107	49	1,127	21	-	296	28	345	472
9	-	-	-	-	78	27	1,065	27	4	27	30	88	1,153
10	2	-	-	1	1,036	119	601	80	-	63	51	194	795
11	-	-	-	-	481	196	409	39	-	63	409	560	1,068
12	-	-	-	-	213	198	812	33	-	35	188	256	1,068
13	-	-	-	-	614	-	112	13	-	118	8	139	251
14	-	-	-	1	111	-	574	23	-	100	59	182	756
15	-	-	1	-	560	12	574	175	-	42	40	257	1,485
16	-	-	-	-	784	444	1,228	8	-	328	8	382	588
17	-	-	-	-	183	23	206	46	-	73	86	173	1,125
18	-	-	-	-	775	177	952	14	-	108	237	362	1,546
19	-	-	-	1	1,183	-	1,184	17	-	15	64	93	670
20	-	-	-	-	359	218	577	14	-	135	106	380	1,123
21	-	-	-	-	699	44	743	139	-	150	34	273	829
22	-	-	1	5	432	118	556	89	-	225	105	350	895
23	1	-	2	1	937	380	1,318	90	-	199	49	322	1,650
24	-	-	-	-	1,166	-	1,168	112	-	49	32	193	1,361
25	1	-	1	-	949	544	1,493	41	-	31	32	151	1,664
30	-	-	-	-	-	-	-	56	-	323	379	379	379
31	-	-	-	-	-	-	-	36	-	138	174	174	174
32	-	-	-	-	-	-	-	48	-	226	274	274	274
32A	-	-	-	-	-	-	-	28	-	164	192	192	192
32B	-	-	-	-	-	-	-	44	-	146	190	190	190
33	-	-	-	-	-	-	-	75	-	331	406	406	406
33A	-	-	-	-	-	-	-	57	-	197	254	254	254
34	-	-	-	-	-	-	-	86	-	321	407	407	407
34A	-	-	-	-	-	-	-	56	-	248	304	304	304
35	-	-	-	-	-	-	-	74	-	337	411	411	411
35A	-	-	-	-	-	-	-	50	-	306	356	356	356
36	-	-	-	-	-	-	-	119	-	871	990	990	990
37	-	-	-	-	-	-	-	35	-	221	256	256	256
38	-	-	-	-	-	-	-	59	-	290	348	348	348
38A	-	-	-	-	-	-	-	29	-	259	298	298	298
39	-	-	-	-	-	-	-	54	-	259	313	313	313
39A	-	-	-	-	-	-	-	64	-	263	327	327	327
40	-	-	-	-	-	-	-	42	-	327	369	369	369
40A	-	-	-	-	-	-	-	61	-	336	397	397	397
41	-	-	-	-	-	-	-	58	-	374	432	432	432
42	-	-	-	-	-	-	-	80	-	465	545	545	545
43	-	-	-	-	-	-	-	60	-	568	628	628	628
44	-	-	-	-	-	-	-	113	-	559	672	672	672
45	-	-	-	-	-	-	-	67	-	385	452	452	452
45A	-	-	-	-	-	-	-	45	-	290	335	335	335
46	-	-	-	-	-	-	-	35	-	230	265	265	265
47	-	-	-	-	-	-	-	23	-	208	231	231	231
49	-	-	-	-	-	-	-	11	-	124	135	135	135
65	-	-	-	-	-	-	-	14	-	63	77	77	77
TOTAL	5	-	5	11	14,727	6,522	21,270	3,143	4	3,110	10,780	17,037	38,307

BITUMINOUS COAL REGION
 OPERATORS PRODUCING OVER 200,000 TONS OF DEEP MINED COAL
 1977

<u>District</u>	<u>Operator</u>	<u>Production</u>	<u>Employees</u>
3,4,7,13	United States Steel Corporation	5,066,221	2,828
1,7,18,20,21,22,24,26	Bethlehem Mines Corporation	4,367,674	4,552
5,6,12,22,26	Consolidation Coal Company	3,097,080	1,791
10,15	Rochester & Pittsburgh Coal Company	2,901,331	1,234
1,5,8,12	Republic Steel Corporation	2,012,894	1,259
19	Greenwich Collieries Company, Div. of Pennsylvania Mines Corporation	1,783,342	1,070
25	Helvetia Coal Company	1,552,742	677
16	The Florence Mining Company	1,530,397	1,254
6	Mathies Coal Company	1,524,136	649
18,19,24	Barnes & Tucker Company	1,477,486	1,629
8,13	Jones & Laughlin Steel Corporation	1,269,264	1,667
26	Gateway Coal Company	1,054,826	662
3	Nemacolin Mines Corporation	811,550	530
23	G. M. & W. Coal Company, Incorporated	809,064	467
25	The Helen Mining Company	763,151	431
4	Duquesne Light Company	727,807	573
11	Penn Allegh Coal Company, Incorporated	590,985	199
16,25	The North American Coal Corporation	502,852	431
17	Rushton Mining Company	483,167	240
23	Mark Mining, Incorporated	450,924	131
5	Harmar Coal Company	429,246	338
11	Canterbury Coal Company	399,863	273
13	National Mines Corporation	387,057	276
11	Tunnelton Mining Company	378,222	214
21	Island Creek Coal Company	366,811	425
8,12	Crescent Hills Coal Company, Incorporated	312,802	155
15	Mears Coal Company	286,263	140
11	Carpentertown Coal & Coke Company	265,524	90
12,24	Eastern Associated Coal Corporation	219,332	260

BITUMINOUS COAL REGION

OPERATORS PRODUCING OVER 200,000 TONS OF STRIP, AUGER AND REFUSE COAL 1977

District	Operator	Production	Employees
9,30,35A,36,37,46	C & K Coal Co.	2,160,123	397
9,17,38A,39,42,43,44,45,45A,46	Benjamin Coal Co.	1,764,590	405
9,36	Shannon Coal Co.	960,830	237
21,42	Cooney Brothers Coal Co.	894,774	118
35A,39A	Rochester & Pittsburgh Coal Co.	882,150	64
9,36,38,38A	W.P. Stahlman Coal Co., Inc.	778,577	136
33A	Luzerne Coal Corp.	768,381	98
17,47,49	Jones & Brague Mining Co.	686,210	101
24,42,43	Cambria Coal Co.	684,950	161
17,43,44,45,46	Kristianson & Johnson Coal Co.	658,160	182
9,14,35,38,38A,39,43,46	P & N Coal Co., Inc.	631,091	154
17,34A,35,39,39A,42	North Cambria Fuel Co.	570,872	107
44,45	Al Hamilton Contracting Co.	548,816	107
33,34,34A	Adam Eidemiller, Inc.	544,468	148
38,38A,39,43	Doverspike Brothers Coal Co.	503,104	49
21,42	Universal Minerals, Inc.	497,568	102
43,44,47	Elliot Coal Mining Co., Inc.	482,138	100
34A,39,39A	Old Home Manor, Inc.	445,640	104
9,36	Glacial Minerals, Inc.	416,555	114
32	Midway Coal Co.	415,848	57
9,44,45,46,47	River Hill Coal Co., Inc.	411,551	137
38A,45,45A,46	Owens Coal Mining Co.	395,115	61
30,34A,35,35A,39A	Hawk Contracting, Inc.	387,247	62
34	Aloe Coal Co.	362,375	77
38,43	Kann Coal Co., Inc.	362,189	78
17,43	Empire Coal Co.	347,594	51
32,32A,32B	Twilight Industries	343,440	62
23,40,40A,41	M. F. Fetterolf Coal Co., Inc.	337,174	195
41	Diamond T Coal Co.	320,669	40
23,40A	Sanner Coal Co., Div. of River Hill Coal Co., Inc.	317,346	47
9,43,45A	Hepburnia Coal Co.	313,738	62
23,40A	Penn Pocahontas Coal Co.	312,342	98
22,23,40,41	PBS Coals, Inc.	301,376	195
9,35,36,38,38A	R.E.M. Coal Co., Inc.	296,097	65
9,38A,45A	Thomas Coal Co., Inc.	294,003	81
35,36	Terry Reddinger	279,953	43
9,45,45A,46	Shawville Coal Co.	278,009	83
1,30,31	Kerry Coal Co.	275,136	36
1,31	Ambrosia Coal & Const. Co.	264,429	32
37	Pengrove Coal Co.	259,610	22
32,32A	Etna Equipment & Supply Co., Inc.	257,887	52
9,17,44,45,45A,46	Avery Coal Co., Inc.	257,616	144
33,33A	Marsolino Coal & Coke, Inc.	255,389	53
17,47	Johnson & Morgan	254,510	32
30,35A	B & G Construction Co., Inc.	252,979	19
9,36,37	Zacherl Coal Co.	251,254	30
9,14,35,36,38,38A	R.D. Baughman Coal Co., Inc.	251,046	77
42,65	Ace Drilling Coal Co., Inc.	247,634	68
34A, 35A,39A	Donald K. Ankeny	238,088	46
32,33,34A	Bologna Mining Co.	230,298	57
34A, 39A,42	Bentley Coal Co., Inc.	224,128	24
44	Earl M. Brown Co.	222,776	33
42,44	Fran Contracting, Inc.	217,893	22
17,44,47	James M. Stott Coal Co., Inc.	207,548	81
14,39,43	The Arcadia Co., Inc.	206,696	68

CAUSES OF BITUMINOUS FATAL ACCIDENTS BY COUNTY--1977

COUNTY	INSIDE			OUTSIDE					TOTAL
	Roof Falls	Trans- porta- tion	Ex- plo- sion	Ma- chine- ry	Trans- porta- tion	Fall of Material	Elec- tric- ity	Strip- ping	
Allegheny	1	-	-	-	-	-	-	-	1
Armstrong	-	-	-	-	-	-	-	-	-
Beaver	-	-	-	-	-	-	-	-	-
Bedford	-	-	-	-	-	-	-	-	-
Blair	-	-	-	-	-	-	-	-	-
Bradford	-	-	-	-	-	-	-	-	-
Butler	-	-	-	-	-	-	-	-	-
Cambridge	-	-	1	-	-	-	-	-	1
Centre	-	-	-	-	-	-	-	-	-
Clarion	-	-	-	-	-	-	-	-	-
Clearfield	-	-	-	-	-	-	-	1	1
Clinton	-	-	-	-	-	-	-	-	-
Elk	-	-	-	-	-	-	-	-	-
Fayette	-	-	-	1	-	-	-	-	1
Fulton	-	-	-	-	-	-	-	-	-
Greene	1	-	-	-	-	-	-	-	1
Huntingdon	-	-	-	-	-	-	-	-	-
Indiana	-	1	-	-	-	-	-	-	1
Jefferson	-	-	-	-	-	-	-	1	1
Lawrence	-	-	-	-	-	-	-	-	-
Lycoming	-	-	-	-	-	-	-	-	-
Mercer	-	-	-	-	-	-	-	-	-
Somerset	-	-	-	-	-	1	-	-	1
Tioga	-	-	-	-	-	-	-	1	1
Venango	-	-	-	-	-	-	-	-	-
Washington	1	-	-	-	1	-	1	-	3
Westmoreland	-	-	-	-	-	-	-	-	-
TOTAL	3	1	1	1	1	1	1	3	12

BITUMINOUS FATAL ACCIDENT VICTIMS--1977

Dis- trict	Name of Victim	Victim's Address	Company	Mine	Date of Accident	Cause of Accident
5	Andrew Skirpan	Verona	Republic Steel Corp.	Newfield	Feb. 8	Roof Fall
23	William Walker Scurfield	Berlin	Scurfield Coal, Inc.	Tipple & Cleaning Plant	Apr. 18	Fall of Material (Outside)
18	Adam Smith	Revloc	Bethlehem Mines Corp.	Revloc No. 32	Injured May 5	
					Died May 19	
6	Wayne Gerar	Pittsburgh	Consolidation Coal Co.	Montour No. 4	May 25	Explosion (Inside)
7	Charles Johnson	Daisytown	Bethlehem Mines Corp.	Ellsworth No. 51	Injured Jul. 18	Transportation (Outside)
					Died Aug. 11	Electricity (Outside)
49	Leonard P. Fairchild	Canton	Jones & Brague Mining Co.	Strip Permit No. 7-31	Aug. 1	Stripping
43	John E. Kitchen	Westover	Simca Mining, Inc.	Strip Permit No. 529-9	Aug. 19	Stripping
8	Theodore Lozonsky	Fredricktown	Jones & Laughlin Steel Corp.	Labelle Prep. Plant	Sep. 22	Machinery (Outside)
3	Jo Paul Mitchell	Adah	Nemacolin Mines Corp.	Nemacolin	Injured Oct. 14	
					Died Oct. 22	Rib Fall
6	Joseph Grohal	Straban	Mathies Coal Co.	Mathies	Injured Nov. 9	
					Died Nov. 10	Roof Fall
38	Stephen K. Stancac	Struthers, Ohio	Marlin L. Snyder	Strip Permit No. 395-2(C)	Nov. 14	Stripping
25	George Dnakivich	Homer City	Helvetia Coal Co.	Lacerne No. 6	Nov. 18	Transportation (Inside)

BITUMINOUS COAL REGION
ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED

1884--1977

Year	Date	Mine	Operator	Location of Mine	Falls of roof	Suffocation	Mine cars	Explosions of gas and dust	Explosions of dust	Explosives	Mine fires	Falling down shafts
1884	Feb. 20	West Leisenring	Connellsville Coke & Iron Co.	West Leisenring	-	-	-	19	-	-	-	-
1885	Oct. 27	Youngstown	Youngstown Coke Co., Ltd.	Uniontown	-	-	-	14	-	-	-	-
1888	Nov. 3	Kettle Creek	Kettle Creek Coal Co.	(near) Cook's Run	-	-	-	17	-	-	-	-
1890	Jan. 16	Hill Farm	Dunbar Furnace Co.	Dunbar	-	-	-	-	-	-	31	-
1891	Jan. 27	Mammoth	H. C. Frick Coke Co.	Mount Pleasant	-	-	-	109	-	-	-	-
1896	Mar. 27	Berwind	Berwind-White Coal Mining	DuBois	-	-	-	13	-	-	-	-
1898	Sep. 23	Umpire	Umpire Coal Co.	Brownsville	-	-	-	8	-	-	-	-
1899	July 24	Grindstone	Redstone Oil, Coal & Coke Co.	Grindstone	-	-	-	5	-	-	-	-
1899	Dec. 23	Summer	Pittsburgh & Erie Coal Co.	Summer	-	-	-	19	-	-	-	-
1901	June 10	Port Royal No. 2	Pittsburgh Coal Co.	Port Royal	-	-	-	19	-	-	-	-
1902	Mar. 6	Catsburg	Monongahela River Consolidated Coal & Coke Co.	Monongahela	-	-	-	5	-	-	-	-
1902	July 10	Rolling Mill	Cambria Steel Co.	Johnstown	-	-	-	112	-	-	-	-
1903	Nov. 21	Ferguson	Dunbar Furnace Co.	Connellsville	-	-	-	17	-	-	-	-
1904	Jan. 25	Harwick	Allegheny Coal Co.	Cheswick	-	-	-	179	-	-	-	-
1905	Apr. 27	Eleanor Shaft	Rochester & Pittsburgh Coal Co.	DuBois	-	-	-	13	-	-	-	-
1905	July 6	Fuller	Taylor Coal Co.	Searight	-	-	-	6	-	-	6	-
1905	Oct. 13	Clyde	Clyde Coal Co.	Fredericktown	-	-	-	-	-	-	-	-
1905	Oct. 29	Hazel Kirk No. 2	Pittsburgh & Westmd. Coal Co.	Monongahela	-	-	-	5	-	-	-	-
1905	Nov. 15	Braznell	Braznell Coal Co.	Pontefreyville	-	-	-	6	-	-	-	-
1906	Oct. 24	Rolling Mill	Cambria Steel Co.	Johnstown	-	-	-	7	-	-	-	-
1907	Aug. 17	Sonman Shaft	Sonman Shaft Coal Co.	Sonman	-	-	-	-	-	-	-	5
1907	Dec. 1	Naomi	United Coal Co.	Payette City	-	-	-	34	-	-	-	-
1907	Dec. 19	Darr	Pittsburgh Coal Co.	Jacobs Creek	-	-	-	239	-	-	-	-
1908	Nov. 28	Rachel and Agnes	Pittsburgh-Buffalo Co.	Karlama	-	-	-	154	-	-	-	-
1909	Jan. 25	Orenda	Merchants Coal Co.	Boswell	-	-	-	5	-	-	-	-
1909	Apr. 9	Eureka No. 37 Upper	Berwind-White Coal Mining Co.	Windber	-	-	-	-	7	-	-	-
1909	June 23	Lackawanna No. 4	Lackawanna Coal & Coke Co.	Wehrum	-	-	-	21	-	-	-	-
1909	Oct. 31	Franklin No. 2	Cambria Steel Co.	Johnstown	-	-	-	13	-	-	-	-
1910	Feb. 5	Ernest No. 2	Jefferson & Clearfield Coal & Iron Co.	Ernest	-	-	-	11	-	-	-	-
1911	Mar. 22	Hazel	Pittsburgh-Buffalo Co.	East Canonsburg	9	-	-	-	-	-	-	-
1911	July 15	Sykesville Shaft	Cascade Coal & Coke Co.	Sykesville	-	-	-	21	-	-	-	-
1911	Nov. 9	Adrian No. 1	Rochester & Pittsburgh Coal Co.	Punxsutawney	-	-	-	8	-	-	-	-
1913	Apr. 23	Cincinnati	Monongahela River Consolidated Coal & Coke Co.	Finleyville	-	-	-	97	-	-	-	-

Year	Date	Mine	Operator	Location of Mine	Falls of roof	Suf- foca- tion	Mine cars	Explo- sions of gas and dust	Explo- sions of dust	Explo- sives	Mine fires	Falling down shafts
1915	May 24	Smokeless No. 1	Smokeless Coal Co.	Johnstown	-	-	-	-	9	-	-	-
1915	July 30	Patterson No. 2	United Coal Co.	Elizabeth	-	-	-	9(1)	-	-	-	-
1915	Aug. 31	Orenda No. 2	Merchants Coal Co.	Boswell	-	-	-	-	19	-	-	-
1916	Feb. 11	Ernest No. 2	Jefferson & Clearfield Coal & Iron Co.	Ernest	-	-	-	-	27	-	-	-
1916	Mar. 30	Robindale	Conemaugh Smokeless Coal Co.	Robindale	-	-	-	-	8	-	-	-
1917	Mar. 13	Henderson No. 1	Henderson Coal Co.	Montour	-	-	-	-	14	-	-	-
1918	Aug. 7	Harmar	Consumers Mining Co.	Harmarville	-	-	-	-	8	-	-	-
1920	June 2	Ontario	Ontario Gas Coal Co.	Cokeburg	-	-	-	-	6(2)	-	-	-
1920	July 19	Renton No. 3	Union Collieries Co.	Renton	-	-	-	-	9	-	-	-
1920	Aug. 9	Maryland Shaft	Maryland Coal Co. of Penna.	St. Michael	-	-	6	-	-	-	-	-
1922	Feb. 2	Gates	H. C. Frick Coke Co.	Masontown	-	-	-	-	25	-	-	-
1922	Mar. 20	Dilltown No. 1	Dilltown Smokeless Coal Co.	Dilltown	-	-	-	-	5	-	-	-
1922	Nov. 6	Reilly No. 1	Joseph H. Reilly Coal Co.	Spangler	-	-	-	-	77	-	-	-
1924	Jan. 26	Lancashire No. 18	Lancashire Coal Co.	Starford	-	-	-	-	36	-	-	-
1924	July 25	Gates No. 1	H. C. Frick Coke Co.	Masontown	-	-	-	-	10	-	-	-
1925	Apr. 26	Hutchinson	Westmoreland Coal Co.	Sewickley Township	-	-	-	-	5	-	-	-
1926	Feb. 3	Pgh. Terminal No. 4	Pittsburgh Terminal Co.	Horning	-	-	-	-	20	-	-	-
1926	Aug. 26	Clymer No. 1	Clearfield Bituminous Coal Corp.	Clymer	-	-	-	-	44	-	-	-
1927	Apr. 2	Mine No. 53	Ellsworth Collieries Co.	Cokeburg	-	-	-	-	6	-	-	-
1928	Feb. 20	Kinloch	Valley Camp Coal Co.	Parnassus	-	-	-	-	12(3)	-	-	-
1928	May 19	Mather Collieries	Pickands, Mather & Co.	Mather	-	-	-	-	194	-	-	-
1928	Aug. 9	Hillside	Tunnell Smokeless Coal Co.	Johnstown	-	-	-	-	5	-	-	-
1928	Aug. 15	Irvona No. 3	Irvona Coal & Coke Co.	Coalport	-	-	-	-	13	-	-	-
1929	Mar. 21	Kinloch	Valley Camp Coal Co.	Parnassus	-	-	-	-	46	-	-	-
1933	Sep. 11	Oakmont	Hillman Coal & Coke Co.	Barking	-	-	-	-	7	-	-	-
1937	Mar. 28	Kramer	Northwestern Mng. & Exchange Co.	Duhoie	-	-	-	-	9	-	-	-
1938	Jan. 12	Harwick	Harwick Coal & Coke Co.	Harwick	-	-	-	-	10	-	-	-
1940	July 15	Sonman E	Sonman Shaft Coal Co.	Portage	-	-	-	-	63	-	-	-
1941	June 30	Kent No. 2	Rochester & Pittsburgh Coal Co.	McIntyre	-	-	-	-	7	-	-	-
1944	June 7	Emerald	Emerald Coal & Coke Co.	Clarksville	-	-	-	-	6	-	-	-
1945	Mar. 12	Crucible	Crucible Steel Co. of America	Crucible	5	-	-	-	-	-	-	-
1952	Feb. 2	Carpentertown	Carpentertown Coal & Coke Co.	Carpentertown	-	-	-	-	6	-	-	-
1957	Sep. 23	Marianna No. 58	Bethlehem Mines Corp.	Marianna	-	-	-	-	6	-	-	-
1962	Dec. 6	Robena No. 3	United States Steel Corp.	Garards Fort	-	-	-	-	37	-	-	-
1966	June 1	Dora No. 2	Doverspike Bros. Coal Co., Inc.	Dora	-	5	-	-	-	-	-	-

NOTE: July 24, 1912, 18 persons drowned by flooding of Superba No. 2 Mine, Superba Coal Company, and Lemont No. 1 Mine, H. C. Frick Coke Company, near Uniontown caused by cloudburst.

- (1) Seven men were railroad employees.
- (2) Explosion of gas in air shaft -- sinking operations.
- (3) Two men were employees of the adjoining Boyd Mine and were killed by afterdamp from this explosion. Boyd Mine, operated by W. H. Boyd Coal Company, was not under the law.

Study Of Bituminous Coal By County

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBRIA	CENTRE	CLARTON
1925	11,644,959	3,126,898	80,007	452,286	298,051	9,184	1,945,287	16,656,181	916,112	1,462,529
1931	14,313,614	2,796,574	65,717	357,301	247,834	5,287	651,991	12,993,722	557,338	1,103,168
1935	13,875,787	3,269,119	63,724	386,090	205,814	23,204	659,215	12,481,977	434,178	1,191,042
1940	15,068,015	4,107,286	97,819	398,939	176,132	-	607,624	16,361,261	520,829	1,026,742
1941	16,115,371	4,742,526	929,111	474,292	183,932	-	1,046,486	18,532,935	853,406	2,131,335
1942	17,822,560	5,584,761	580,655	631,962	180,162	-	1,128,746	20,134,793	1,122,902	3,134,424
1943	17,809,317	5,261,170	405,718	629,412	114,191	-	1,140,643	18,580,712	956,460	3,480,638
1944	18,541,295	5,535,746	340,480	738,841	112,293	4,026	1,183,272	18,506,189	1,211,242	3,297,021
1945	17,551,873	6,442,928	247,206	732,797	128,407	-	1,255,504	15,941,530	1,200,115	3,188,576
1946	15,552,180	4,948,409	229,637	615,534	166,284	-	1,255,504	14,702,181	1,447,351	2,833,089
1947	18,694,593	6,180,909	434,556	950,153	234,106	5,255	2,231,896	17,070,484	1,474,594	3,447,820
1948	15,328,797	6,142,812	427,797	887,036	298,591	-	1,884,965	15,458,368	1,502,272	3,308,746
1949	10,406,079	3,700,924	318,768	331,041	323,887	-	1,612,142	10,767,059	973,312	2,850,897
1950	11,939,721	4,260,906	426,752	296,112	323,887	7,356	2,744,579	12,448,696	974,963	3,123,537
1951	12,033,652	4,250,454	442,148	271,377	248,175	11,902	2,156,517	13,600,973	985,554	2,539,890
1952	8,230,420	3,262,566	445,807	206,764	208,099	7,538	1,963,063	12,072,089	1,009,024	2,231,809
1953	8,402,859	3,032,509	446,156	125,310	153,258	9,301	1,999,922	11,753,135	965,155	2,080,935
1954	6,495,094	2,030,826	433,611	44,889	166,147	5,661	1,565,777	8,995,516	909,411	1,979,395
1955	7,397,643	1,940,028	513,518	115,182	200,143	3,158	1,942,912	10,725,515	1,174,981	2,339,604
1956	7,673,466	2,329,451	385,917	169,548	169,959	4,650	1,932,386	10,833,862	1,416,671	3,055,966
1957	6,920,299	2,249,350	344,911	164,590	59,329	-	1,947,166	10,532,976	1,073,493	2,823,921
1958	4,975,229	2,325,735	224,856	172,576	121,472	10,871	2,047,518	8,164,992	648,930	2,768,283
1959	4,769,780	2,682,867	259,607	176,447	79,311	6,798	1,962,372	7,250,476	747,122	3,074,851
1960	5,218,357	2,850,370	371,621	197,011	75,430	7,651	1,976,582	6,701,785	703,016	2,662,224
1961	4,766,371	3,057,094	401,357	240,027	52,459	9,420	2,046,049	5,849,334	821,078	2,953,478
1962	4,831,345	3,496,742	558,300	359,687	66,944	20,536	2,126,391	5,089,895	781,056	3,430,575
1963	4,441,892	4,221,276	374,384	318,086	13,472	25,331	1,829,844	6,971,829	831,551	3,671,092
1964	4,832,778	4,321,374	489,335	293,632	11,243	14,500	1,833,007	8,759,346	599,635	3,604,045
1965	4,821,229	4,796,855	418,943	320,100	5,564	19,616	2,159,088	8,934,538	586,907	3,168,001
1966	4,954,905	5,390,167	301,027	287,048	76,542	12,933	2,188,593	8,122,954	789,306	3,301,771
1967	4,809,304	5,837,077	158,869	165,668	4,529	42	1,875,675	7,768,745	738,720	2,811,133
1968	5,148,650	6,660,871	120,060	85,755	3,037	100	1,787,277	7,797,236	709,003	2,891,176
1969	4,807,501	7,390,314	266,831	16,635	2,212	300	2,014,274	7,077,905	1,051,051	3,782,727
1970	4,609,117	7,746,115	218,489	18,750	710	161	1,951,395	6,482,454	1,322,463	4,374,938
1971	3,872,911	7,231,833	243,874	4,765	-	119	1,706,652	6,213,662	1,190,478	4,521,295
1972	4,484,168	7,704,610	193,944	1,053	73,220	-	1,493,362	7,646,786	1,086,947	4,427,787
1973	4,275,264	6,821,992	138,000	875	57,373	40	1,139,923	7,718,997	946,103	5,168,776
1974	3,660,230	6,727,316	206,273	53,113	1,977	42	1,559,428	7,676,184	1,001,906	5,063,688
1975	4,076,267	7,217,444	187,190	76,150	20,236	149	1,319,941	8,505,527	1,336,626	5,407,422
1976	3,924,551	7,727,401	188,102	104,256	1,088	50	1,325,729	7,884,333	1,214,941	5,197,011
1977	3,621,140	7,504,209	201,208	162,933	31,135	-	1,586,579	6,761,567	1,268,200	5,784,648
Total										
Production										
(net tons)										

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBRIA	CENTRE	CLARION
1925	16,406	4,952	147	1,079	531	25	2,543	21,568	1,556	2,324
1931	13,638	3,926	119	727	590	12	1,484	18,259	1,256	1,428
1935	16,057	3,940	202	876	525	26	1,272	20,205	994	2,184
1940	12,350	4,071	246	694	441	-	1,170	20,708	1,033	1,406
1941	13,648	4,603	542	843	321	-	1,218	20,091	1,184	1,702
1942	12,281	4,171	509	771	244	-	1,041	18,376	1,237	1,792
1943	10,770	3,675	274	632	176	-	1,024	16,491	847	1,762
1944	10,346	3,600	290	877	135	13	965	15,009	984	1,700
1945	10,484	4,577	248	697	135	-	945	14,602	987	1,525
1946	10,773	3,973	252	764	173	-	1,258	16,168	1,166	1,673
1947	11,112	4,441	309	1,012	182	6	1,438	16,555	1,106	1,742
1948	11,065	4,473	287	909	221	-	1,241	16,626	1,060	1,918
1949	9,887	3,758	231	623	244	4	1,001	15,827	979	1,790
1950	9,343	3,552	247	490	242	7	1,351	13,970	763	1,882
1951	8,554	2,888	239	367	169	7	1,246	13,275	691	1,175
1952	7,184	2,078	191	327	168	5	1,044	12,172	590	975
1953	5,816	1,969	198	271	136	6	968	10,913	505	790
1954	4,496	1,658	255	142	139	4	826	9,067	460	944
1955	4,004	1,324	250	186	139	5	858	8,649	541	857
1956	4,059	1,399	253	231	165	3	759	8,536	468	916
1957	3,669	1,407	244	244	67	-	767	8,369	451	942
1958	2,984	1,370	149	251	77	4	804	7,360	386	838
1959	2,626	1,195	120	220	65	4	697	6,000	389	853
1960	2,602	1,204	131	187	53	4	656	4,824	311	818
1961	2,168	1,241	152	198	47	6	676	4,317	303	715
1962	1,914	1,225	142	173	48	7	570	3,805	291	758
1963	1,546	1,256	119	168	25	7	572	3,719	309	768
1964	1,458	1,316	151	132	27	8	493	3,834	241	738
1965	1,228	1,234	132	124	14	9	493	3,759	298	654
1966	1,349	1,344	84	95	53	9	519	3,588	211	472
1967	1,416	1,430	44	73	8	2	471	3,403	210	552
1968	1,384	1,424	59	40	6	2	488	3,249	189	579
1969	1,296	1,639	84	17	6	2	475	3,154	283	570
1970	1,315	1,865	82	17	6	2	485	3,122	288	706
1971	1,327	2,126	86	17	-	2	512	3,577	371	802
1972	1,457	1,841	85	5	14	-	465	3,955	303	690
1973	1,510	1,799	71	5	8	1	441	4,149	288	841
1974	1,534	1,856	121	19	5	1	447	4,401	329	872
1975	1,806	2,139	137	21	16	1	527	5,009	438	1,133
1976	1,973	2,225	160	69	9	1	518	5,346	455	1,205
1977	2,074	2,582	66	50	20	2	598	5,479	455	1,110
1925	167	169	209	135	185	272	225	199	167	203
1931	208	144	200	128	193	195	125	162	134	219
1935	200	134	165	158	155	256	156	175	163	174
1940	220	223	220	167	181	-	177	202	188	208
1941	222	216	234	186	209	-	225	223	202	206
Average										
Days										
Worked										

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBERTA	CENTRE	CLARION
1942	272	220	236	240	245	-	242	250	213	248
1943	272	265	286	264	208	-	260	260	333	256
1944	292	282	292	254	289	71	262	290	248	265
1945	264	254	251	260	278	-	256	258	242	256
1946	174	193	245	201	200	-	213	201	181	221
1947	254	210	213	142	194	133	236	155	203	198
1948	210	208	213	148	205	-	230	141	172	172
1949	163	136	161	108	161	183	192	154	151	179
1950	183	147	214	100	124	183	201	167	171	168
1951	216	226	249	113	226	159	230	158	219	216
1952	176	237	205	97	191	232	210	253	194	254
1953	222	237	225	71	173	155	206	166	211	263
1954	222	188	212	63	149	177	236	153	197	254
1955	232	209	238	147	205	65	328	208	219	254
1956	216	184	195	167	235	144	224	206	238	249
1957	206	174	202	180	213	-	217	201	231	255
1958	183	176	158	170	244	244	211	161	224	243
1959	172	188	204	185	240	213	215	151	223	259
1960	169	205	188	189	222	240	205	173	224	256
1961	173	197	231	200	227	268	209	175	234	260
1962	175	206	247	215	220	205	230	165	227	260
1963	184	210	207	203	185	224	209	188	229	268
1964	220	189	207	243	160	185	229	223	266	277
1965	218	207	224	216	145	239	271	236	199	247
1966	219	208	171	245	259	182	247	239	230	260
1967	201	209	233	212	176	50	247	228	231	261
1968	216	211	213	226	229	50	239	236	207	282
1969	239	207	227	170	184	60	218	233	224	280
1970	234	217	201	178	37	80	230	237	245	280
1971	212	178	188	89	-	49	211	208	206	223
1972	241	220	214	74	228	-	188	254	220	260
1973	239	215	230	50	245	79	162	247	223	211
1974	230	205	235	158	252	60	192	220	227	272
1975	248	233	235	242	121	69	243	242	234	248
1976	230	233	243	146	221	28	250	232	236	296
1977	224	209	217	222	142	69	217	180	220	288
1925	22	6	-	1	2	-	3	50	2	2
1931	29	5	-	3	1	-	-	31	-	-
1935	25	6	-	1	-	-	1	26	-	1
1940	21	2	-	1	-	-	-	84	-	3
1941	28	-	-	-	1	-	-	29	-	-
1942	18	5	-	1	-	-	3	29	2	2
1943	21	9	-	1	1	-	1	26	2	3
1944	18	4	-	-	-	-	4	29	1	7
1945	16	9	2	-	1	-	-	19	-	2
1946	9	7	-	-	-	-	-	15	1	-

Average
Days
Worked

Fatal-
ities

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBRIA	CENTRE	CLARION
1947	17	10	-	1	-	-	2	19	-	3
1948	19	10	-	-	-	-	-	14	2	1
1949	8	6	-	1	-	-	-	12	-	1
1950	9	5	-	-	1	-	2	14	-	1
1951	6	2	1	-	1	-	-	9	-	1
1952	1	1	-	-	-	-	2	15	-	-
1953	11	4	1	-	1	-	-	7	-	1
1954	4	-	-	-	-	-	1	6	2	-
1955	7	2	-	1	-	-	-	4	1	-
1956	7	-	-	-	-	-	-	9	-	-
1957	3	2	-	-	-	-	1	9	-	1
1958	2	-	3	1	-	-	-	2	-	-
1959	3	2	-	-	-	-	-	3	-	3
1960	2	3	-	1	-	-	1	6	-	-
1961	1	1	-	-	-	-	-	2	-	-
1962	1	2	-	-	-	-	-	4	-	-
1963	-	3	-	-	-	-	-	1	-	-
1964	1	1	-	-	-	-	-	1	-	-
1965	-	5	-	1	-	-	-	2	-	-
1966	1	2	-	1	-	-	2	5	-	1
1967	1	1	-	1	-	-	3	5	-	-
1968	2	4	-	-	-	-	-	5	1	1
1969	-	2	-	-	-	-	2	4	1	2
1970	6	-	-	-	-	-	2	4	1	1
1971	1	6	-	-	-	-	-	1	-	-
1972	-	2	-	-	-	-	-	2	-	-
1973	1	-	-	-	-	-	-	3	2	1
1974	-	2	-	-	-	-	-	3	-	-
1975	2	4	-	-	-	-	-	1	-	-
1976	4	1	-	-	-	-	-	4	1	-
1977	1	-	-	-	-	-	-	1	-	-
1925	2,739,492	836,966	30,686	146,021	98,351	6,800	572,067	4,281,947	259,551	471,419
1931	2,830,946	546,947	23,788	93,108	113,640	2,340	185,859	2,961,989	168,577	312,950
1935	3,196,377	529,405	33,414	138,142	81,133	6,644	198,970	3,535,388	162,050	379,818
1940	2,712,314	911,003	54,146	116,005	79,766	-	206,718	4,164,101	194,729	292,192
1941	3,035,805	992,304	126,966	156,624	66,949	-	396,991	4,475,079	239,537	351,408
1942	3,398,413	879,294	120,354	185,618	59,969	-	254,643	4,603,324	263,918	445,173
1943	2,939,490	974,821	78,582	167,072	36,728	-	254,643	4,296,233	282,800	452,155
1944	3,017,499	1,016,565	84,893	222,445	39,087	923	247,438	4,351,763	244,290	449,925
1945	2,769,066	1,161,389	62,132	181,248	37,511	-	246,791	3,771,209	239,142	390,835
1946	2,240,959	766,782	61,694	153,718	34,562	-	268,144	3,248,093	210,995	370,467
1947	2,832,514	936,501	65,842	143,963	35,471	796	338,166	2,586,437	223,423	344,762
1948	2,322,545	930,729	64,818	134,399	45,241	-	285,601	2,342,177	227,617	330,874
1949	1,607,813	513,079	53,159	67,311	39,377	800	192,543	2,403,144	147,879	320,723
1950	1,712,076	525,437	52,830	45,463	30,039	1,284	272,570	2,340,880	130,717	315,742
1951	1,851,331	653,916	59,548	41,750	38,181	1,114	287,536	2,092,458	151,624	253,989

Fatal-
ities

Man-Days

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBRIA	CENTRE	CLARION
1952	1,266,219	492,407	39,204	31,810	32,015	1,160	220,158	1,857,245	126,128	247,979
1953	1,292,748	466,340	44,616	19,277	23,578	930	199,992	1,808,175	96,515	208,093
1954	999,245	312,434	54,201	8,977	20,768	709	195,722	1,383,925	90,941	247,424
1955	927,378	276,803	59,419	37,501	40,951	325	281,529	1,799,684	118,280	205,869
1956	878,753	257,956	49,755	38,501	38,796	432	170,161	1,756,119	111,327	228,189
1957	756,358	244,903	42,923	43,936	14,275	-	166,500	1,680,143	104,115	240,606
1958	546,283	240,640	23,485	42,715	18,798	976	169,628	1,184,022	86,522	204,209
1959	452,650	224,278	24,442	40,679	15,607	860	149,037	906,234	86,629	220,712
1960	439,955	246,926	24,684	35,385	11,782	960	130,560	835,087	69,770	209,790
1961	376,124	244,323	35,113	39,539	10,661	1,608	141,482	756,622	70,822	185,674
1962	334,863	251,881	35,029	37,249	10,545	1,434	130,923	627,979	65,956	197,013
1963	284,733	263,366	24,526	34,055	4,636	1,571	119,334	697,413	70,864	205,687
1964	320,707	249,242	31,241	32,125	4,323	1,570	113,007	854,966	64,123	204,442
1965	267,360	255,024	29,741	26,741	2,028	2,156	133,868	887,077	59,381	161,374
1966	295,373	279,838	14,404	23,352	13,746	1,339	128,163	857,006	48,505	122,847
1967	284,978	298,417	10,254	15,483	1,412	50	116,474	777,697	48,629	144,324
1968	298,876	301,200	12,595	9,041	1,372	100	116,495	767,133	39,220	163,152
1969	309,876	339,100	19,082	2,886	1,104	120	103,533	734,321	63,558	159,380
1970	308,456	404,727	16,484	3,027	222	80	111,699	740,652	70,694	171,103
1971	282,452	379,366	16,177	1,514	-	98	108,165	745,573	76,450	178,981
1972	351,025	404,324	18,153	373	3,192	-	87,560	1,002,863	66,598	179,610
1973	360,874	386,065	16,311	252	1,960	79	71,376	997,124	64,195	177,566
1974	354,197	380,723	28,470	3,019	1,260	60	93,582	969,270	74,822	237,771
1975	449,332	500,118	32,198	5,094	1,936	69	128,367	1,212,872	102,557	282,065
1976	454,553	519,571	38,922	10,131	1,989	28	129,980	1,240,421	107,411	356,757
1977	453,274	497,120	14,298	11,100	2,840	138	129,658	984,753	100,141	373,215
1975	529,316	521,150	-	452,286	149,026	-	648,429	333,124	458,056	731,265
1931	493,573	559,315	-	119,100	247,834	-	325,546	419,152	-	1,191,042
1935	555,031	378,186	-	396,090	-	-	659,215	480,076	-	342,247
1940	717,525	2,053,643	-	388,939	-	-	194,777	639,067	-	-
1941	575,549	-	-	-	183,932	-	523,243	694,303	561,451	1,567,212
1942	990,142	-	-	631,962	-	-	376,249	714,643	478,230	1,160,213
1943	868,063	584,574	-	629,412	114,191	-	1,140,643	839,144	1,211,242	471,003
1944	1,030,072	1,383,936	-	366,398	128,407	-	295,818	939,028	1,594,288	-
Per	1,096,992	715,881	-	-	-	-	-	980,145	1,447,351	-
Fatal	1,728,020	706,915	-	-	-	-	-	898,447	751,136	-
1946	1,099,682	618,091	-	950,153	-	-	1,115,948	1,104,169	897,255	1,149,206
1947	806,779	614,281	-	-	-	-	-	897,255	-	3,308,746
1948	1,300,760	616,821	-	331,041	-	-	-	889,193	-	2,850,897
1949	1,326,636	852,181	-	-	365,561	-	1,372,289	1,511,219	-	3,123,537
1950	2,005,609	2,125,227	442,148	-	248,175	-	-	804,806	-	2,539,890
1951	8,230,420	3,262,566	-	-	-	-	981,531	-	-	-
1952	-	758,127	446,156	-	153,258	-	1,565,777	-	-	2,080,935
1953	1,623,773	-	-	115,182	-	-	-	1,499,253	454,705	-
1954	-	970,014	-	-	-	-	-	2,681,379	1,174,981	-
1955	1,056,806	-	-	-	-	-	-	-	-	-

Man-Days

Production
Per
Fatal

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBRIA	CENTRE	CLARION
1956	1,096,209	-	-	-	-	-	-	1,203,762	-	-
1957	2,306,766	1,124,675	-	-	-	-	1,947,166	1,170,331	-	2,823,921
1958	2,487,614	-	74,952	172,576	-	-	-	4,082,496	-	-
1959	1,589,927	1,331,433	-	-	-	-	-	2,416,825	-	-
1960	2,609,178	950,123	-	-	-	-	-	1,116,964	-	1,024,950
1961	4,766,371	1,091,031	-	197,011	-	-	1,976,582	3,024,667	-	-
1962	2,415,672	1,748,371	-	-	-	-	-	1,474,974	-	-
1963	-	1,407,092	-	-	-	-	-	6,971,829	-	-
1964	4,832,778	4,321,374	-	-	-	-	-	4,379,673	-	-
Production	-	959,371	-	320,100	-	-	1,079,534	1,786,908	-	-
Per	4,954,905	2,695,083	-	287,048	-	-	1,094,296	1,624,591	-	3,168,001
Fatal	4,809,304	5,837,077	-	-	-	-	625,225	7,768,754	-	-
1968	2,574,325	1,665,218	-	-	-	-	-	1,559,447	-	-
1969	-	3,695,157	-	-	-	-	1,007,137	1,769,476	709,003	2,891,176
1970	768,186	-	-	-	-	-	975,697	1,620,613	1,051,051	1,891,363
1971	3,872,911	1,205,305	-	-	-	-	-	6,213,662	1,322,463	4,374,938
1972	-	3,852,305	-	-	-	-	-	3,823,393	-	4,521,295
1973	4,275,264	-	-	-	-	-	-	3,859,498	-	-
1974	-	3,363,658	-	-	-	-	-	2,558,728	500,953	5,063,688
1975	2,038,133	1,804,361	-	-	-	-	-	8,505,527	-	-
1976	981,137	7,727,401	-	-	-	-	-	1,971,083	1,214,941	-
1977	3,621,140	-	-	-	-	-	-	6,761,567	-	-
YEAR	CLEARFIELD	CLINTON	ELK	FAVETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1925	5,440,701	182,964	1,052,684	28,684,339	168,457	4,992,995	669,587	8,008,676	2,967,590	279,183
1931	3,022,139	67,081	887,802	13,933,566	148,096	3,711,042	547,495	6,626,280	1,981,360	208,713
1935	2,934,442	52,305	749,661	13,454,039	142,776	2,955,545	495,447	5,606,505	1,837,504	177,803
1940	3,048,006	31,688	741,688	22,432,309	163,381	5,310,131	500,151	6,926,530	1,763,107	252,928
1941	4,113,081	96,710	819,107	22,109,923	230,153	6,296,926	504,730	8,308,035	1,927,066	282,415
1942	4,702,159	240,314	815,156	25,465,181	255,140	7,582,079	474,627	9,390,899	2,162,615	260,637
1943	5,872,736	402,876	699,441	22,889,481	235,611	7,188,684	421,426	9,702,447	2,492,658	145,327
Production	6,396,459	223,368	636,291	22,668,263	-	8,487,776	591,408	10,769,528	2,280,442	59,350
(net tons)	6,371,229	88,147	502,494	19,357,031	-	8,628,754	759,170	8,531,846	2,058,848	108,155
1946	6,443,667	258,764	474,628	16,496,471	-	9,258,377	808,527	8,950,655	2,563,447	95,533
1947	8,091,741	525,933	841,302	18,470,604	142,745	12,956,008	630,186	9,035,864	3,018,131	189,785
1948	8,102,562	502,793	841,302	15,385,038	118,858	12,956,008	390,381	8,547,988	2,724,508	238,370
1949	5,161,831	456,421	764,064	9,205,423	87,300	8,731,629	330,760	6,061,751	1,646,668	162,365
1950	6,176,963	649,337	854,824	10,079,300	111,557	10,122,459	405,282	7,809,553	2,003,302	456,943
1951	5,928,156	793,958	784,597	10,528,246	140,347	11,820,569	392,841	7,669,778	1,977,131	468,508
1952	5,781,289	617,027	589,588	7,523,581	157,614	9,592,879	268,772	6,245,535	1,560,065	262,926
1953	5,207,520	657,933	518,093	9,054,912	137,669	11,675,444	231,094	5,756,224	1,664,773	665,911
1954	4,873,992	613,606	407,599	6,442,395	81,099	9,355,074	165,615	4,884,780	1,456,451	653,216
1955	5,760,350	642,492	461,208	6,610,155	94,886	11,866,090	91,887	6,042,018	1,474,972	634,147
1956	6,634,394	531,864	421,453	5,357,333	40,529	12,423,951	149,544	7,001,596	1,678,293	914,091
1957	6,297,990	571,789	307,513	4,949,851	-	12,274,541	52,705	6,777,115	1,488,656	1,097,658
1958	5,651,550	622,294	350,750	2,908,999	-	9,751,502	58,250	5,605,795	1,381,434	1,128,623
1959	5,663,175	638,673	354,470	2,754,230	-	9,649,491	71,123	6,200,151	1,090,725	1,003,472

YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1960	6,289,354	479,839	302,480	2,245,909	5,162	9,966,944	58,600	5,126,721	1,147,022	942,037
1961	6,585,671	407,599	374,888	1,234,260	-	9,576,615	37,910	4,879,306	1,299,120	629,552
1962	6,556,887	407,640	475,500	1,314,657	-	9,137,326	33,070	4,822,211	1,420,926	623,644
1963	6,843,783	482,040	543,530	1,525,525	-	9,619,969	55,540	5,549,919	1,789,771	922,152
1964	6,972,466	481,046	508,790	1,872,001	-	11,575,079	69,135	5,867,107	1,884,847	812,076
1965	7,162,588	554,960	512,582	1,875,814	-	11,676,093	67,376	6,626,509	1,933,709	906,147
1966	7,227,841	776,381	478,035	1,562,102	-	11,358,759	53,683	7,668,217	1,724,329	1,064,058
1967	6,887,212	926,168	330,904	1,186,650	-	11,243,302	43,943	7,622,275	1,838,560	1,064,058
1968	6,080,361	784,587	345,514	1,112,670	-	11,077,182	19,981	6,558,590	1,592,838	1,135,575
1969	5,876,819	550,808	367,786	1,387,377	7,200	11,458,458	8,021,859	6,558,590	1,592,838	1,135,575
1970	5,900,616	455,288	412,258	1,848,583	3,100	11,576,734	-	8,021,859	1,415,933	898,738
1971	6,031,346	408,445	384,656	1,494,177	2,700	11,576,734	-	8,314,266	1,664,873	891,417
1972	6,000,990	242,606	359,740	1,567,751	1,075	8,143,725	-	7,630,251	1,387,496	742,543
1973	6,469,050	465,957	620,896	2,100,610	-	9,033,553	-	8,434,172	1,369,144	603,142
1974	7,813,500	453,561	773,261	2,678,764	-	8,667,840	-	9,032,403	1,484,613	529,696
1975	7,652,563	416,768	628,270	2,804,749	1,300	8,287,320	2,250	9,026,886	1,663,412	519,742
1976	8,310,736	390,768	674,260	3,126,775	12,500	8,036,652	8,425	10,211,669	2,109,747	564,223
1977	9,299,741	538,909	783,956	3,195,658	14,200	7,984,871	4,000	10,802,399	2,487,802	689,526
1975	9,187	287	1,873	29,435	280	3,664	1,097	10,947	4,402	383
1931	5,593	135	1,487	16,291	218	3,237	993	8,016	2,479	421
1935	6,058	134	1,251	16,817	258	3,492	1,061	8,343	2,954	437
1940	4,861	42	1,126	20,253	263	4,249	923	7,081	2,237	456
1941	4,983	143	1,044	22,329	241	5,034	821	7,698	2,267	427
1942	4,413	166	808	21,173	196	5,301	644	7,175	2,015	338
1943	4,687	218	657	19,944	172	5,141	530	6,717	2,000	56
1944	4,712	171	608	16,714	-	6,007	664	6,651	1,827	54
1945	4,863	99	532	15,242	-	6,646	782	6,178	1,757	36
1946	5,121	161	582	14,248	-	7,809	768	7,034	2,105	39
1947	5,703	229	708	14,098	45	9,078	603	6,993	2,260	59
1948	6,176	214	895	13,754	26	9,910	588	7,198	2,195	97
1949	5,234	290	796	12,437	22	9,543	489	6,365	1,755	76
1950	4,868	319	699	11,767	20	9,012	459	6,286	1,861	151
1951	4,439	172	551	10,628	40	8,999	429	5,603	1,670	147
1952	4,091	160	479	9,154	50	8,488	354	5,248	1,298	92
1953	3,303	251	369	8,220	55	8,005	277	4,316	1,150	161
1954	3,267	213	277	6,545	38	7,035	135	3,237	1,149	192
1955	3,278	229	290	4,763	36	6,710	107	3,499	995	173
1956	3,486	161	318	3,419	70	6,721	165	3,535	1,144	251
1957	3,330	160	254	3,151	-	6,278	77	3,734	1,073	280
1958	3,272	162	253	2,205	-	5,441	83	3,283	930	273
1959	2,796	157	237	2,130	-	5,208	95	3,199	860	235
1960	2,649	142	222	2,068	7	4,707	74	2,676	571	223
1961	2,765	136	203	1,136	-	4,335	54	2,240	691	191
1962	2,577	92	195	1,077	-	3,673	46	2,177	679	228
1963	2,481	99	170	977	-	3,712	51	2,145	635	199
1964	2,361	119	189	998	-	3,895	47	2,121	571	172

Total
Production
(net tons)

Employees

YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1965	2,177	89	180	1,032	-	3,627	39	2,295	577	183
1966	2,024	167	163	921	-	3,526	34	2,049	618	242
1967	1,778	148	100	773	-	3,412	16	2,164	601	220
1968	1,712	150	106	780	-	3,361	13	2,192	466	225
1969	1,465	90	97	813	2	3,490	7	2,472	441	224
1970	1,669	87	99	900	2	3,657	-	2,888	365	194
1971	1,836	92	97	913	2	3,567	-	3,468	471	152
1972	1,472	60	86	772	1	3,570	-	3,500	386	157
1973	1,454	90	108	809	-	3,602	-	3,787	337	119
1974	1,617	107	136	968	-	3,880	3	4,152	420	146
1975	1,997	112	149	1,245	2	4,270	4	5,104	528	135
1976	2,291	136	122	1,272	4	4,354	4	5,493	617	150
1977	2,534	158	133	1,400	4	4,680	9	5,646	749	119
1978	1,73	165	172	228	284	268	230	184	208	266
1979	142	209	160	156	224	177	202	165	177	205
1980	160	167	195	169	196	172	184	163	186	171
1981	197	249	217	230	209	218	197	201	194	197
1982	217	232	227	227	234	217	223	223	214	198
1983	239	265	267	272	258	259	246	270	239	233
1984	253	296	282	267	278	275	281	261	286	238
1985	257	232	291	289	-	244	272	279	253	133
1986	229	259	250	259	-	225	255	253	227	207
1987	203	194	193	249	-	225	203	206	196	202
1988	229	229	180	199	211	216	158	196	202	214
1989	199	234	177	169	305	190	101	180	188	164
1990	151	154	155	160	122	170	142	151	138	252
1991	177	165	171	175	171	174	160	185	164	202
1992	205	307	219	152	234	204	141	245	175	237
1993	217	357	176	126	165	174	117	183	175	237
1994	243	262	216	169	250	224	128	205	223	276
1995	186	192	184	151	213	205	153	232	195	227
1996	217	251	189	211	208	235	141	218	204	335
1997	205	260	183	211	64	235	168	230	210	235
1998	202	261	173	200	-	221	179	211	189	225
1999	189	251	163	169	-	178	145	190	176	268
2000	204	242	183	147	-	178	142	201	132	225
2001	216	234	179	162	38	177	142	188	204	255
2002	206	207	160	155	-	185	136	196	200	237
2003	213	243	215	164	-	186	138	196	201	193
2004	219	242	231	196	-	199	156	218	199	278
2005	221	190	218	212	-	220	159	208	221	255
2006	233	273	208	226	-	230	150	203	216	275
2007	246	239	216	212	-	228	135	221	221	249
2008	257	286	211	218	-	231	203	236	204	281
2009	262	225	243	208	-	228	271	207	200	274
2010	241	260	239	230	240	242	56	230	163	219

Average
Days
Worked

YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1970	220	260	190	220	160	250	-	222	243	217
1971	214	274	202	214	252	201	-	197	182	254
1972	240	266	203	203	234	231	-	228	191	203
1973	243	314	215	229	-	246	-	226	228	269
1974	261	245	254	221	-	231	75	205	206	245
1975	232	263	227	236	40	248	232	228	239	267
1976	228	228	238	224	223	236	115	220	219	226
1977	231	232	231	214	253	213	48	205	234	276
1975	8	-	2	78	-	15	1	19	9	1
1931	4	-	1	22	-	11	-	17	4	1
1935	4	-	-	25	1	2	2	10	1	-
1936	5	-	-	14	1	7	2	5	3	-
1940	1	-	-	25	-	6	3	20	1	-
1941	7	-	-	34	-	5	-	17	2	-
1942	4	-	-	26	-	13	1	10	1	1
1943	7	-	-	25	-	16	1	11	-	-
1944	5	1	-	25	-	11	-	7	1	-
1945	3	-	1	21	-	14	1	10	2	-
1946	6	1	-	19	-	10	-	8	5	-
1947	6	-	1	11	1	13	-	8	-	-
1948	6	-	-	11	-	5	-	5	-	-
1949	1	-	-	6	-	5	-	9	1	-
1950	5	-	1	7	-	7	-	4	2	-
1951	2	-	-	3	-	9	-	5	-	-
1952	3	-	1	5	-	12	-	4	1	-
1953	3	-	-	3	-	4	-	12	-	-
1954	3	-	-	-	-	7	-	4	2	-
1955	2	1	-	2	-	12	-	1	2	-
1956	2	-	-	5	-	8	-	4	1	-
1957	2	-	-	4	-	2	-	1	1	-
1958	4	-	1	4	-	8	-	6	-	-
1959	2	-	1	1	-	1	-	3	1	-
1960	1	-	-	3	-	4	-	1	-	-
1961	3	-	1	2	-	40	-	3	-	-
1962	2	-	-	1	-	3	-	4	-	-
1963	1	-	1	1	-	5	-	2	1	-
1964	-	-	-	-	-	6	-	2	-	-
1965	2	-	-	-	-	3	-	2	-	-
1966	1	-	-	2	-	6	-	3	5	-
1967	4	-	-	-	-	3	-	7	-	-
1968	1	-	-	-	-	4	-	3	-	-
1969	1	-	-	1	-	1	-	1	-	-
1970	1	-	1	1	-	1	-	5	-	1
1971	2	-	-	-	-	6	-	8	1	-
1972	1	-	-	2	-	3	-	2	-	-
1973	-	-	-	-	-	2	-	1	-	-
1974	3	-	1	-	-	1	-	1	-	-

Fatalities

YEAR	CLAREFELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1975	-	-	-	-	-	1	-	2	-	-
1976	-	-	-	-	-	3	-	4	-	-
1977	1	-	-	-	-	1	-	1	-	-
Fatalities										
1925	1,591,427	47,485	323,071	6,725,330	79,520	982,263	251,862	2,011,055	914,300	102,043
1931	791,913	28,256	237,816	2,547,128	48,832	620,627	200,862	1,325,638	439,481	86,281
1935	969,471	22,411	243,478	2,839,965	50,568	599,799	195,229	1,361,223	549,720	74,909
1940	924,961	10,498	244,799	4,648,292	54,967	927,147	182,129	1,427,093	435,055	89,649
1941	1,082,216	33,222	237,558	5,070,420	56,325	1,094,456	183,001	1,718,572	485,805	84,447
1942	1,067,479	44,098	202,759	6,298,013	50,608	1,372,961	159,001	1,937,574	482,296	81,462
1943	1,188,863	64,655	185,474	5,342,499	47,940	1,418,681	149,103	1,756,493	572,030	13,330
1944	1,214,031	39,617	176,803	4,833,127	-	1,465,868	180,824	1,857,074	461,859	7,197
1945	1,113,845	25,619	132,817	3,949,387	-	1,708,272	199,559	1,561,760	410,135	8,180
1946	1,040,676	31,193	112,212	3,055,263	-	1,759,110	155,863	1,451,436	411,562	8,072
1947	1,226,021	52,593	127,470	2,798,576	9,516	1,963,031	95,483	1,369,070	457,293	12,652
1948	1,227,661	50,274	158,127	2,331,066	7,924	1,887,598	59,149	1,295,150	412,804	15,891
1949	789,635	44,746	123,748	1,994,643	2,684	1,626,053	66,422	963,365	243,013	19,146
1950	863,989	52,432	115,683	2,061,273	3,420	1,564,342	73,655	1,162,582	305,670	30,478
1951	912,023	52,930	120,707	1,619,730	9,356	1,818,549	60,437	1,179,966	293,261	33,464
1952	886,641	41,135	84,227	1,156,039	8,295	1,475,827	41,350	960,852	227,250	21,885
1953	801,157	65,793	79,707	1,393,063	13,767	1,796,222	35,553	885,573	256,119	44,394
1954	609,249	40,907	50,950	991,138	8,110	1,439,242	20,702	751,505	224,069	43,547
1955	710,135	57,482	54,755	1,003,173	7,488	1,573,815	15,129	761,061	203,081	58,075
1956	715,570	41,921	58,265	721,624	4,480	1,576,783	27,708	813,413	240,594	58,943
1957	673,752	41,765	43,820	629,153	-	1,388,211	13,821	787,359	202,410	62,977
1958	616,410	40,694	41,323	372,752	-	969,424	12,039	625,162	163,518	73,201
1959	569,081	38,031	43,412	312,466	-	925,966	13,530	642,400	113,900	52,784
1960	571,221	33,284	39,794	295,175	269	835,198	11,998	501,996	116,556	56,921
1961	569,047	28,185	32,393	175,618	-	800,047	7,338	447,662	135,119	45,169
1962	549,824	22,359	41,925	176,932	-	681,849	6,346	427,466	136,632	43,920
1963	543,829	24,007	39,284	191,457	-	740,266	7,974	467,945	126,281	55,269
1964	521,594	22,665	41,266	211,762	-	856,155	7,476	442,336	126,218	43,861
1965	508,380	24,338	37,452	233,023	-	834,025	5,868	465,041	124,637	50,426
1966	498,630	39,943	35,169	194,892	-	805,225	4,594	469,415	136,579	60,389
1967	456,714	42,385	21,076	168,861	-	788,466	3,247	511,664	122,908	61,879
1968	447,989	33,771	25,734	162,233	-	767,400	2,218	453,888	93,036	61,764
1969	353,588	23,434	23,155	187,475	480	844,377	390	567,775	71,867	49,038
1970	366,730	22,602	18,861	198,433	320	915,813	-	641,904	88,594	42,183
1971	394,499	25,245	19,632	176,271	504	717,714	-	684,053	86,083	38,618
1972	353,755	15,943	17,488	156,475	234	827,824	-	797,497	73,681	31,873
1973	352,753	28,241	23,257	185,107	-	886,779	-	857,618	76,725	32,026
1974	422,868	26,216	34,616	214,097	-	896,963	225	853,376	86,607	35,845
1975	463,908	29,558	33,827	294,443	80	1,081,038	1,392	1,165,597	127,392	36,102
1976	524,248	31,094	29,106	285,126	892	1,027,584	461	1,212,754	135,373	33,992
1977	598,468	30,780	30,780	299,701	1,010	994,828	435	1,154,641	175,061	33,817
Production	680,098	-	526,342	367,748	-	332,866	699,587	421,509	329,732	279,183
Per	755,535	-	887,802	633,343	-	337,367	-	389,781	495,340	208,713
Fatal	733,611	-	-	538,162	142,776	1,477,773	247,724	560,650	1,837,504	-

YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1940	609,601	-	-	1,602,308	163,381	758,590	250,076	1,385,306	587,702	-
1941	4,113,081	-	-	884,397	-	1,049,488	168,243	415,402	1,927,066	-
1942	671,737	-	-	748,976	-	1,516,415	-	552,406	1,081,307	260,637
1943	1,468,184	-	-	880,364	-	552,976	421,426	970,245	2,492,658	-
1944	913,780	-	-	906,731	-	530,486	597,408	979,048	-	-
1945	1,274,246	88,147	-	774,281	-	784,432	-	1,218,835	2,058,848	-
1946	1,147,889	-	474,628	785,546	-	661,313	808,065	895,065	1,281,723	-
1947	2,348,623	525,933	-	972,137	-	1,295,601	-	1,129,483	603,626	-
1948	1,350,427	-	1,043,641	1,398,640	118,853	958,319	-	1,068,498	-	-
1949	5,161,831	-	-	836,857	-	1,746,326	-	1,212,350	-	-
1950	1,235,393	-	-	1,679,883	-	2,024,492	-	867,728	2,003,302	-
1951	2,964,078	-	784,597	1,504,035	-	1,688,653	-	1,917,444	988,565	-
1952	1,927,096	-	-	2,507,860	-	1,065,875	-	1,249,107	-	-
1953	1,735,840	-	518,093	1,810,982	-	972,954	-	1,439,056	1,644,773	-
1954	1,624,664	-	-	2,147,465	-	2,338,768	-	407,065	-	-
1955	2,880,175	642,492	-	-	-	1,695,156	-	1,510,504	737,486	-
1956	3,317,197	-	-	2,678,666	-	1,035,329	-	7,001,596	839,146	-
1957	3,148,950	-	-	989,970	-	1,534,318	-	1,694,279	1,488,656	-
1958	1,412,887	-	350,750	727,250	-	4,875,751	-	5,605,795	1,381,434	-
1959	2,831,587	-	354,470	2,754,230	-	1,206,186	-	1,033,358	-	-
1960	6,289,354	-	-	748,636	-	9,966,944	-	1,708,907	1,147,022	-
1961	2,195,224	-	374,888	617,130	-	2,394,154	-	4,879,306	-	-
1962	3,278,443	-	-	1,314,657	-	228,433	-	1,607,404	-	-
1963	6,843,783	-	543,530	1,525,525	-	3,206,656	-	1,387,480	1,789,771	-
1964	-	-	-	-	-	2,315,016	-	2,933,553	1,884,847	-
1965	3,581,294	-	-	-	-	1,946,015	-	3,313,254	-	-
1966	7,227,841	-	-	781,051	-	3,786,253	-	2,556,072	344,866	-
1967	1,721,803	-	-	-	-	3,747,767	-	1,088,896	-	-
1968	6,080,361	-	-	-	-	2,769,295	-	2,186,197	-	-
1969	5,876,819	-	-	1,387,377	-	11,458,458	-	8,021,859	-	898,738
1970	5,900,616	-	412,258	1,848,583	-	11,576,734	-	1,662,853	-	-
1971	2,912,942	-	-	-	-	1,357,287	-	1,064,092	1,387,496	-
1972	6,000,990	-	-	828,875	-	3,011,184	-	4,217,086	-	-
1973	-	-	-	-	-	4,333,922	-	9,032,403	-	-
1974	2,604,500	-	773,261	-	-	8,287,320	-	9,026,886	-	-
1975	3,826,281	-	-	-	-	8,036,652	-	5,105,834	-	-
1976	-	-	-	-	-	2,661,623	-	2,700,599	-	-
1977	9,299,741	-	-	3,195,658	-	7,083,584	-	10,535,246	3,221,476	-
YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION	
1925	23,919	279,087	-	9,629,892	144,680	8,197	15,421,542	20,720,626	135,266,612	-
1931	25,040	211,347	-	7,306,313	190,114	2,600	13,640,250	11,243,386	96,844,250	-
1935	58,616	324,260	13,264	5,675,139	177,096	6,064	15,890,388	8,989,269	91,140,273	-
Production	63,653	140,010	-	4,839,036	190,597	28,621	17,872,551	8,756,882	111,416,916	-
1940	428,239	428,239	-	6,137,729	319,083	23,400	19,916,404	10,875,964	127,469,207	-
1941	64,945	491,923	5,729	6,938,898	358,801	20,770	20,667,070	12,567,665	142,759,573	-
1942	-	418,298	2,176	7,613,273	302,284	48,671	20,311,505	12,622,983	139,801,363	-
1943	51,237	-	-	-	-	-	-	-	-	-

YEAR	LYCINGING	MERCER	McKEAN	SOMERSET	TTOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1944	44, 145	634, 332	-	8, 236, 565	268, 177	45, 859	21, 129, 326	12, 456, 807	144, 408, 418
1945	528, 137	16, 994	16, 994	7, 594, 495	213, 090	40, 291	18, 152, 651	130, 696, 854	130, 696, 854
1946	49, 215	401, 030	40, 938	6, 663, 474	156, 632	120, 696	18, 984, 071	9, 747, 937	123, 587, 065
1947	32, 562	353, 523	1, 404	8, 027, 289	173, 291	250, 391	21, 409, 249	9, 882, 492	144, 761, 964
1948	25, 070	389, 800	5, 596	7, 544, 388	204, 748	448, 818	18, 245, 125	8, 993, 487	130, 627, 889
1949	23, 741	406, 073	23, 960	4, 961, 339	141, 782	152, 373	12, 484, 414	5, 223, 834	87, 351, 892
1950	33, 174	508, 342	64, 723	5, 901, 852	149, 224	541, 011	14, 734, 761	6, 131, 999	103, 439, 887
1951	35, 754	495, 526	81, 307	6, 513, 342	138, 117	437, 099	16, 106, 865	5, 759, 410	106, 680, 097
1952	27, 034	534, 666	43, 847	4, 982, 002	62, 761	447, 516	13, 656, 583	5, 252, 229	87, 308, 999
1953	23, 089	559, 100	82, 210	3, 961, 378	68, 879	596, 684	16, 838, 775	5, 218, 092	91, 938, 156
1954	36, 026	638, 686	93, 101	2, 264, 833	55, 289	522, 403	12, 836, 740	2, 754, 921	70, 823, 985
1955	48, 423	653, 085	109, 930	3, 479, 806	81, 793	701, 720	15, 921, 185	3, 932, 005	85, 042, 677
1956	56, 961	503, 292	103, 864	4, 273, 532	94, 476	861, 490	15, 014, 199	4, 505, 410	88, 595, 658
1957	65, 609	508, 297	41, 887	3, 827, 771	265, 242	798, 054	13, 783, 986	4, 737, 250	84, 064, 493
1958	63, 141	607, 524	47, 432	2, 667, 943	296, 764	634, 182	10, 575, 312	3, 557, 895	67, 398, 564
1959	57, 178	525, 453	42, 128	2, 211, 735	211, 027	607, 707	10, 069, 016	3, 436, 571	65, 627, 585
1960	60, 354	692, 342	32, 030	2, 181, 308	282, 375	676, 517	10, 913, 281	3, 362, 099	65, 595, 999
1961	58, 611	872, 960	5, 940	2, 215, 649	223, 023	612, 110	10, 359, 035	3, 347, 734	63, 171, 313
1962	38, 770	1, 045, 879	2, 185	2, 702, 986	233, 863	506, 077	10, 945, 366	3, 730, 800	65, 648, 015
1963	29, 302	711, 921	4, 370	3, 164, 518	306, 465	898, 095	12, 146, 067	3, 898, 862	71, 258, 957
1964	71, 207	595, 667	21, 700	3, 609, 154	260, 424	487, 329	13, 477, 843	4, 145, 711	77, 321, 793
1965	136, 828	552, 103	15, 983	3, 502, 211	435, 321	400, 056	14, 220, 440	4, 305, 247	80, 119, 548
1966	102, 540	423, 963	24, 662	3, 959, 415	508, 108	493, 777	14, 145, 130	4, 250, 423	81, 449, 647
1967	88, 035	308, 627	-	4, 017, 512	517, 683	521, 397	14, 778, 358	3, 556, 939	79, 101, 385
1968	60, 184	184, 375	-	3, 996, 349	578, 613	439, 283	13, 593, 120	2, 952, 224	75, 714, 611
1969	49, 598	183, 512	-	4, 033, 778	618, 822	549, 365	13, 761, 402	2, 591, 158	78, 185, 036
1970	60, 708	208, 462	-	3, 730, 159	747, 946	464, 719	14, 461, 604	2, 626, 597	80, 091, 922
1971	83, 372	380, 738	-	3, 911, 875	873, 239	737, 119	12, 543, 703	2, 394, 707	71, 776, 681
1972	104, 896	364, 478	-	3, 591, 444	618, 596	358, 182	13, 670, 704	2, 340, 787	75, 863, 137
1973	132, 315	241, 304	-	4, 437, 917	575, 992	440, 928	13, 435, 704	1, 894, 089	76, 796, 661
1974	457, 239	312, 871	-	5, 487, 094	426, 534	494, 903	13, 083, 000	2, 605, 697	80, 042, 191
1975	436, 508	381, 138	-	5, 860, 115	541, 895	511, 998	13, 412, 910	2, 813, 149	84, 479, 031
1976	490, 197	399, 737	-	6, 386, 533	629, 653	540, 568	12, 443, 824	2, 804, 263	85, 747, 874
1977	480, 573	345, 249	-	7, 085, 981	681, 209	869, 850	11, 194, 120	3, 382, 695	86, 421, 876
1925	100	443	-	10, 626	698	19	20, 768	20, 246	165, 586
1931	72	423	-	9, 607	519	6	15, 002	13, 327	119, 265
1935	167	623	43	8, 846	557	25	19, 336	12, 663	129, 346
1940	148	267	-	6, 864	365	55	17, 529	8, 994	117, 832
1941	119	366	-	7, 285	472	44	17, 745	9, 771	124, 941
1942	94	294	16	6, 620	325	35	15, 993	9, 423	115, 451
1943	49	295	7	6, 558	252	22	13, 968	8, 976	105, 903
1944	44	245	-	6, 139	248	16	13, 844	8, 094	99, 942
1945	47	217	26	6, 050	225	17	13, 518	8, 304	98, 764
1946	43	251	22	6, 453	229	61	14, 753	8, 009	105, 894
1947	48	209	4	6, 984	189	57	15, 514	8, 400	109, 202
1948	35	264	4	7, 080	208	57	15, 834	7, 981	110, 326

Total
Production
(net tons)

Employees

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1949	25	191	19	6,538	189	52	15,047	6,894	100,119
1950	19	320	19	6,309	156	91	14,348	5,919	94,514
1951	18	334	24	5,784	129	73	13,336	5,444	86,369
1952	19	287	29	5,159	130	108	11,871	4,906	76,676
1953	15	284	31	4,340	63	176	12,056	4,470	69,126
1954	32	230	31	2,863	57	154	9,419	2,522	55,405
1955	31	220	36	3,584	66	187	8,081	2,918	52,103
1956	39	289	37	3,383	84	170	7,726	2,725	50,529
1957	43	172	17	3,211	116	144	6,424	2,364	46,989
1958	42	190	14	2,417	126	152	5,660	2,116	41,309
1959	36	168	107	2,148	107	159	6,070	1,921	37,337
1960	40	183	7	1,736	106	116	5,294	1,771	33,396
1961	34	206	3	1,607	86	98	4,371	1,633	29,633
1962	25	197	13	1,539	83	99	4,160	1,449	27,284
1963	19	140	19	1,464	79	148	3,963	1,411	26,216
1964	21	119	11	1,365	89	116	3,990	1,411	26,008
1965	23	115	36	1,372	87	95	4,044	1,280	25,206
1966	25	118	20	1,305	80	104	4,381	1,228	24,729
1967	26	78	-	1,209	91	114	4,379	1,093	23,811
1968	20	39	-	1,202	100	84	4,356	891	23,117
1969	11	43	-	1,191	119	126	4,115	737	22,969
1970	17	41	-	1,347	112	85	4,481	835	24,667
1971	21	56	-	1,338	139	98	4,611	868	26,549
1972	16	40	-	1,240	86	71	4,516	839	25,627
1973	32	41	-	1,418	105	69	4,810	828	26,722
1974	67	31	-	1,654	98	64	5,244	896	29,108
1975	80	43	-	2,356	76	77	5,849	916	34,170
1976	98	57	-	2,744	111	93	5,734	999	36,240
1977	64	62	-	3,120	143	130	5,944	1,029	38,307
1975	229	230	-	221	75	225	170	228	200
1931	237	184	-	164	167	98	177	168	170
1935	219	200	205	180	159	156	207	168	179
1940	234	188	-	182	169	216	212	229	213
1941	215	237	-	219	194	229	222	237	223
1942	262	260	189	239	225	223	244	234	254
1943	239	203	71	269	253	240	271	257	266
1944	271	272	-	282	261	291	291	266	280
1945	271	257	200	265	280	304	265	266	280
1946	165	195	203	203	189	204	218	225	255
1947	103	256	53	174	138	124	209	202	220
1948	109	224	212	161	169	225	175	171	202
1949	238	237	118	146	132	242	159	142	154
1950	195	195	196	166	217	225	172	188	193
1951	264	228	226	173	165	299	186	163	186
1952	177	207	168	149	74	295	168	165	168
1953	236	197	265	140	168	226	215	180	198

Employees

Average
Days
Worked

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1954	173	185	200	121	149	226	210	168	197
1955	236	339	296	171	213	337	233	186	219
1956	240	183	286	193	193	252	212	213	213
1957	270	255	228	173	243	259	210	200	205
1958	219	240	238	145	246	217	177	164	178
1959	239	264	223	130	182	221	256	170	173
1960	176	252	168	148	210	237	186	171	183
1961	241	27	151	199	199	269	197	176	189
1962	154	259	166	155	213	242	193	196	191
1963	183	265	149	175	249	281	213	208	206
1964	227	238	157	179	199	207	231	205	218
1965	245	240	60	195	223	223	235	223	225
1966	202	273	66	208	234	286	227	214	228
1967	215	219	-	226	254	264	231	190	229
1968	196	196	-	226	271	236	215	211	225
1969	251	251	-	220	286	209	239	230	233
1970	320	253	-	208	321	279	242	224	235
1971	226	233	-	201	242	185	208	215	204
1972	295	298	-	223	243	243	237	230	233
1973	268	263	-	236	257	219	250	188	235
1974	253	272	-	229	229	245	234	201	225
1975	254	255	-	236	255	254	241	211	236
1976	294	226	-	228	253	229	241	221	233
1977	300	286	-	212	274	265	211	213	213
1975	-	-	-	19	-	-	30	42	312
1931	-	-	-	21	2	-	34	20	208
1935	-	1	-	13	-	-	23	19	161
1940	-	-	-	8	2	-	22	8	188
1941	-	1	-	5	1	-	18	25	166
1942	-	-	-	9	-	-	29	23	187
1943	1	1	-	10	1	1	28	19	178
1944	-	2	-	7	2	-	16	14	164
1945	-	-	-	1	-	-	23	16	141
1946	-	-	-	10	-	-	21	13	128
1947	-	1	-	7	-	-	16	9	134
1948	-	1	-	5	-	-	17	5	114
1949	-	1	-	4	-	-	5	5	65
1950	-	-	-	2	-	-	13	10	83
1951	-	-	-	5	-	-	15	7	70
1952	-	-	-	4	-	-	7	13	63
1953	-	1	-	3	-	-	8	4	67
1954	-	-	-	1	-	-	6	2	44
1955	1	-	-	3	-	-	6	9	50
1956	-	-	-	4	-	-	11	1	51
1957	-	-	-	1	-	1	12	3	53
1958	-	-	-	2	-	-	6	3	32

Average
Days
Worked

Fatalities

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1959	-	-	-	1	-	-	3	-	35
1960	-	-	-	2	-	-	2	-	26
1961	-	-	-	2	-	-	-	-	22
1962	-	-	-	1	-	-	3	1	59
1963	-	-	-	-	-	-	4	2	21
1964	-	-	-	1	-	-	3	2	18
1965	-	-	-	-	-	-	7	2	33
1966	-	-	-	1	-	-	2	-	28
1967	-	-	-	1	-	-	4	2	27
1968	-	-	-	-	-	-	7	1	29
1969	-	-	-	3	-	-	5	1	25
1970	-	-	-	2	-	-	4	1	30
1971	-	-	-	1	-	-	3	2	32
1972	-	-	-	2	-	-	4	1	19
1973	-	-	-	6	-	-	5	-	17
1974	-	-	-	1	-	-	3	-	20
1975	-	-	-	1	1	-	3	-	17
1976	-	-	-	1	-	-	1	-	19
1977	-	-	-	1	1	-	3	-	12
1925	22,850	101,947	-	2,344,941	52,444	4,275	3,536,159	4,607,224	33,141,496
1931	17,064	77,955	-	1,578,575	86,757	588	2,638,486	2,239,945	20,226,348
1935	36,615	124,902	8,800	1,588,376	88,593	3,900	3,997,248	2,122,995	23,139,543
1940	34,596	50,107	-	1,239,740	61,860	11,909	4,018,927	1,903,517	24,996,290
1941	25,339	86,842	-	1,594,641	91,734	10,096	3,946,014	2,316,383	27,958,946
1942	24,606	78,300	3,024	1,588,509	73,357	7,825	3,912,695	2,213,454	29,811,087
1943	11,733	60,148	500	1,762,100	63,777	5,293	3,795,408	2,312,450	28,233,049
1944	11,908	66,847	-	1,728,431	64,812	4,863	4,027,095	2,150,936	27,967,520
1945	12,726	55,795	5,200	1,602,686	63,001	3,474	3,581,816	1,870,642	25,165,237
1946	11,399	48,970	4,456	1,311,112	43,332	7,549	3,219,689	1,020,664	21,048,972
1947	4,934	53,564	213	1,216,256	26,256	16,693	3,243,826	1,497,347	21,679,669
1948	3,798	59,061	848	1,143,089	31,022	12,823	2,764,413	1,362,650	19,509,263
1949	5,950	45,209	2,245	951,366	24,895	12,608	2,392,385	980,164	15,642,145
1950	4,112	62,240	3,727	1,048,617	33,819	20,476	2,463,502	1,110,737	16,417,442
1951	4,767	76,234	5,420	1,002,053	21,249	21,855	2,477,979	886,064	16,036,009
1952	3,379	59,407	4,872	766,472	9,656	31,834	1,999,967	808,036	12,906,961
1953	3,552	55,910	8,221	609,443	10,597	39,779	2,590,581	802,783	13,656,135
1954	5,342	42,579	6,206	348,436	8,506	34,826	1,975,191	423,834	10,342,874
1955	7,307	74,580	10,652	614,482	14,046	63,107	1,886,560	541,990	11,401,377
1956	9,376	52,916	10,594	654,496	16,194	42,801	1,639,999	538,348	10,757,603
1957	11,599	43,900	555,835	555,835	28,237	37,346	1,347,653	473,330	9,646,511
1958	9,226	45,538	3,332	349,260	31,065	37,355	1,075,914	347,233	7,339,300
1959	8,622	44,327	3,799	278,957	19,483	35,123	885,253	325,874	6,442,534
1960	7,035	46,202	1,179	256,391	22,292	27,440	984,439	303,676	6,124,070
1961	6,034	49,686	81	241,953	17,146	26,342	862,489	286,672	5,598,006
1962	3,856	51,113	2,158	238,131	17,708	23,910	802,853	283,939	5,209,651
1963	3,481	37,078	2,826	256,771	19,645	41,535	845,416	294,192	5,407,629

Man-Days

YEAR	LYCOMING	MERCER	McKAYAN	SOMERSET	TIoga	VENANGO	WASHINGTON	WESTMORELAND	REGION
1964	4, 775	28,337	1,727	244,780	17,760	24,067	921,735	288,907	5,684,778
1965	5,641	27,573	2,178	268,115	22,035	21,198	952,692	266,404	5,674,572
1966	5,057	32,177	1,320	271,061	18,707	29,767	996,318	263,037	5,647,153
1967	5,604	17,055	-	273,207	23,131	30,110	1,011,991	208,270	5,444,286
1968	3,921	7,641	-	272,013	27,100	19,815	938,643	187,830	5,214,180
1969	3,303	10,780	-	262,607	34,018	26,294	985,628	187,330	5,346,845
1970	5,436	10,374	-	281,011	35,999	23,728	1,127,035	167,259	5,793,426
1971	4,756	13,051	-	270,015	33,726	18,160	959,108	187,033	5,417,244
1972	4,713	11,922	-	276,729	22,241	17,227	1,069,446	193,141	5,983,887
1973	8,579	10,767	-	339,191	27,004	15,135	1,201,858	156,025	6,276,867
1974	17,003	8,459	-	379,344	22,530	15,720	1,228,497	180,173	6,565,713
1975	20,341	11,002	-	556,952	19,406	19,596	1,413,020	194,143	8,162,405
1976	28,813	12,887	-	626,750	28,149	21,303	1,386,927	220,779	8,466,001
1977	19,231	17,755	-	660,526	39,203	34,479	1,255,392	219,576	8,140,020
1925	-	-	-	506,836	-	-	514,051	493,348	433,547
1931	-	-	-	347,920	95,057	-	401,184	562,169	465,597
1935	-	324,260	-	436,549	-	-	690,886	473,119	566,089
1940	-	-	-	604,880	95,299	-	812,389	1,094,610	592,643
1941	-	428,239	-	1,227,546	319,083	-	1,106,474	435,039	767,887
1942	-	-	-	770,989	-	-	712,451	546,420	763,420
1943	51,237	418,298	-	761,327	-	-	725,410	664,368	785,401
1944	-	317,166	-	1,176,652	134,088	-	1,320,583	889,772	880,539
1945	-	-	-	7,594,498	-	-	789,246	688,080	926,928
1946	-	-	-	666,347	-	-	904,003	749,841	965,524
1947	-	353,523	-	1,146,756	-	-	1,338,078	1,098,055	1,080,313
1948	-	389,800	-	1,508,878	-	-	1,073,243	1,798,697	1,145,857
1949	-	406,073	-	1,240,335	-	-	2,496,883	1,044,767	1,343,875
1950	-	-	-	2,950,926	-	-	1,134,212	613,200	1,246,264
1951	-	-	-	1,302,668	-	-	1,073,791	822,773	1,524,001
1952	-	-	-	1,245,500	-	-	1,950,940	404,018	1,385,857
1953	-	559,100	-	1,320,459	-	-	2,104,847	1,304,523	1,372,211
1954	-	-	-	2,624,833	-	-	2,319,790	1,377,460	1,609,636
1955	48,423	-	-	1,159,935	-	-	2,653,531	436,889	1,700,854
1956	-	-	-	1,068,383	-	-	1,364,927	4,505,410	1,737,170
1957	-	-	-	3,827,771	-	798,054	1,148,665	1,579,083	1,586,123
1958	-	-	-	1,333,971	-	-	1,762,552	1,185,965	2,106,205
1959	-	-	-	2,211,735	-	-	3,356,339	1,875,074	2,522,923
1960	-	-	-	1,090,654	-	-	5,456,640	-	2,871,423
1961	-	-	-	1,107,824	-	-	3,453,012	-	2,871,423
1962	-	-	-	2,702,986	-	-	3,453,012	-	2,871,423
1963	-	-	-	-	-	-	3,648,455	3,730,800	1,112,678
1964	-	-	-	3,409,154	-	-	3,036,517	1,949,431	3,393,284
1965	-	-	-	-	-	-	4,492,614	2,072,855	4,295,655
1966	-	-	-	3,959,415	-	-	2,031,491	2,152,623	2,427,865
1967	-	-	-	4,017,512	-	-	7,072,565	1,778,469	2,908,916
1968	-	-	-	-	-	-	3,694,589	2,929,681	2,610,849
							1,941,874	2,952,224	

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1969	-	-	-	1,344,593	-	-	2,752,280	2,591,158	3,127,401
1970	-	-	-	1,865,079	-	-	3,615,401	2,626,597	2,669,730
1971	-	-	-	3,911,875	-	-	4,181,901	1,197,353	2,243,021
1972	-	-	-	1,795,722	-	-	3,417,676	2,340,787	3,992,797
1973	-	-	-	739,652	-	-	2,687,140	-	4,517,450
1974	-	-	-	5,487,094	-	-	2,616,600	-	4,002,109
1975	-	-	-	5,860,115	541,895	-	4,470,970	-	4,969,354
1976	-	-	-	6,386,533	-	-	12,445,824	-	4,513,046
1977	-	-	-	7,085,981	681,209	-	3,731,373	-	7,201,823
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YEAR	TOTAL PRODUCTION	EMPLOYEES	DAYS WORKED	FATALITIES	MAN-DAYS	PRODUCTION PER FATAL			
CRAWFORD COUNTY	1950	3,850	6	-	276	-			
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1943	1,988	3	76	-	228	-			
1944	3,897	5	280	-	1,400	-			
1945	3,471	5	200	-	1,000	-			
1946	3,010	5	200	-	1,000	-			
1947	5,298	5	200	-	1,000	-			
1948	19,140	10	191	-	1,914	-			
1949	32,699	33	244	-	8,040	-			
1950	98,702	38	274	-	9,371	-			
1951	72,566	38	224	-	8,518	-			
1952	66,206	19	290	-	5,512	-			
1953	51,836	12	288	-	3,456	-			
1954	59,832	18	222	-	3,989	-			
1955	83,841	24	274	-	6,580	-			
1956	77,510	15	239	-	3,589	-			
1957	62,634	32	241	-	7,704	-			
1958	28,712	37	232	-	8,576	-			
1959	51,629	35	241	-	8,438	-			
1960	107,578	34	238	-	8,105	-			
1961	58,663	21	250	-	5,246	-			
1962	78,757	22	266	-	5,858	-			
1963	68,207	15	279	-	4,188	-			
1964	51,316	15	248	-	3,721	-			
1965	4,760	10	80	-	796	-			
1966 thru 1977	-	-	-	-	-	-			

BITUMINOUS COAL REGION
COUNTY--DISTRICT CROSS REFERENCE LIST

1977

County	Mine Inspection Districts
Allegheny	1, 5, 6, 11, 12, 34
Armstrong	2, 10, 11, 14, 35, 35A
Beaver	1, 26, 31
Bedford	65
Blair	24, 65
Bradford	17
Butler	1, 30
Cambria	17, 18, 19, 20, 21, 24, 42, 43
Centre	17, 47
Clarion	9, 36, 37
Clearfield	9, 17, 39, 43, 44, 45, 45A
Clinton	17, 46
Elk	9, 46
Fayette	8, 13, 33, 33A
Fulton	65
Greene	3, 4, 13, 26, 32B
Huntingdon	65
Indiana	11, 14, 15, 16, 19, 25, 39, 39A
Jefferson	9, 14, 38, 38A
Lawrence	1, 31
Lycoming	17, 47
Mercer	1, 30
Somerset	21, 22, 23, 40, 40A, 41
Tioga	17, 49
Venango	37
Washington	6, 7, 8, 26, 32, 32A
Westmoreland	11, 12, 23, 34, 34A

PRODUCTION TABLE

District 1

						Production of Coal & Coke - Net Tons										
						Shipped to Market	By Rail	By Water	By Truck	Locally for Domestic Purposes	Coal Used for Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average No. Days of Employment	No. Fatal Accidents	Non-fatal Accidents
Operators and Mines	County	Lawrence	Butler	Butler	Butler	200,360	-	-	-	-	-	200,360	-	190	202	13
Ambrosia Coal & Construction Co. Edinburg Preparation Plant Bethlehem Mines Corp.	Fawn No. 91	Fawn No. 91	Cleaning Plant	Total	Black Fox Mining & Development Corp.	200,360	-	-	-	-	-	200,360	-	220	18	13
Kerry Coal Co. Eidenau Tipple Rovella Tipple	Butler	Butler	Butler	Total	Kutsch Coal Mine, Inc.	-	-	-	-	-	-	-	-	190	3	-
Kutsch Coal Mine, Inc. Kutsch Lakeview Processing Corp. Hilliards Preparation Plant Miller & McKnight Coal Co., Inc.	Butler	Butler	Butler	Total	Book Cleaning Plant	-	-	-	-	-	-	-	-	225	2	-
Perry Brothers Coal Co. Perry Brothers Tipple Republic Steel Corp.	Mercer	Mercer	Mercer	Total	Sandy Lake Cleaning Plant	-	-	-	-	-	-	-	-	15	2	-
Sunbeam Coal Corp. Sunbeam Washing Plant Veon Inc., Ralph A. Veon Tipple West Freedom Mining Corp.	Butler	Butler	Butler	Total	Russellton Cleaning Plant	306,027	-	-	-	-	-	306,027	-	225	254	6
Blacksburg Tipple	Butler	Butler	Butler	Total	Black Fox Mining & Development Corp.	306,027	-	-	-	-	-	306,027	-	229	37	6

District 1

County	Production of Coal & Coke - Net Tons									
	Shipped to Market					Total Production of Coal				
	By Rail	By Water	By Truck	Domestic	Locally for	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average age of Worked	Non-Fatal accidents
Operators and Mines	-	-	-	-	-	-	-	-	306	6
Willowbrook Mining Co.	506,387	-	-	671	-	-	507,058	-	212	579
Willowbrook Tipple	-	-	-	-	-	-	-	-	-	-
District Total	506,387	-	-	671	-	-	507,058	-	212	579

District 2

Dean Contractor Inc., Ernest C.	-	-	-	-	-	-	-	-	182	4
Harcliff Tipple	-	-	-	-	-	-	-	-	54	3
Snyder Co., C.H.	-	-	-	-	-	-	-	-	221	42
Bridgeburg Tipple	14,762	-	99,600	-	-	-	114,362	-	208	49
Tesone Coal Co.	-	-	-	-	-	-	-	-	-	-
Nan-Lee	-	-	-	-	-	-	-	-	-	-
District Total	14,762	-	99,600	-	-	-	114,362	-	208	49

District 3

Emerald Mines Corp.	19,788	-	-	-	-	-	19,788	-	113	137
Emerald No. 1	-	-	-	-	-	-	-	-	113	35
Emerald Cleaning Plant	19,788	-	-	-	-	-	19,788	-	172	2
Total	-	-	-	-	-	-	-	-	-	-
L & J Docks	-	-	-	-	-	-	-	-	113	2
Alicia No. 2 Tipple	-	-	-	-	-	-	-	-	215	481
Nemacolin Mines Corp.	810,807	-	-	743	-	-	811,550	-	215	49
Nemacolin	-	-	-	-	-	-	-	-	-	-
Nemacolin Preparation Plant	-	-	-	-	-	-	-	-	-	-
Total	810,807	-	-	743	-	-	811,550	-	530	1 104

District 3

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Used in				
		By Rail	By Water	By Truck	By Domestic Purposes	Manu- facture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Em- ployes	Fatal acci- dents
United States Steel Corp.	Greene	-	474,670	-	321	-	474,991	-	234	254	-
Dillworth	Greene	-	829,615	4	1,304	-	830,923	-	234	547	-
Robena No. 1 & MUS	Greene	-	770,561	4	1,215	-	771,780	-	237	262	-
Robena No. 2	Greene	-	628,997	3	965	-	629,965	-	236	295	-
Robena No. 3	Greene	-	-	-	-	-	-	-	236	156	-
Robena Preparation Plant	Greene	-	2,703,843	11	3,805	-	2,707,659	-	221	1,514	-
Total		19,788	3,514,650	11	4,548	-	3,538,997	-	221	2,218	1
District Total											110

District 4

B & M Coal Co.	Greene	-	14,167	-	-	-	14,167	-	191	8	-
B & M No. 2	Greene	-	-	-	-	-	-	-	140	17	-
Central Cambria Drilling Co.	Greene	-	-	-	-	-	-	-	23	7	-
Blacksville No. 1	Greene	-	-	-	-	-	-	-	24	24	-
Humphrey No. 7	Greene	-	-	-	-	-	-	-	231	18	-
Total		-	65,829	38,816	539	-	105,184	-	206	147	-
Dunkard Mining Co.	Greene	-	238,599	-	-	-	238,599	-	206	391	-
Dunkard	Greene	-	489,180	-	28	-	489,208	-	206	35	-
Duquesne Light Co.	Greene	-	727,779	-	28	-	727,807	-	206	573	-
Warwick No. 2	Greene	-	-	-	-	-	-	-	217	2	-
Warwick No. 3	Greene	-	-	-	-	-	-	-	217	9	-
Warwick Preparation Plant	Greene	-	-	-	-	-	-	-	229	28	-
Total		-	12,600	23,814	270	-	56,998	-	248	22	-
Eberhart, George R.	Greene	-	-	-	-	-	-	-	21	9	-
Titus	Greene	-	-	-	-	-	-	-	182	29	-
Francis Fuel Inc.	Greene	-	-	-	-	-	-	-	-	-	-
Francis Fuel	Greene	-	-	-	-	-	-	-	-	-	-
Johnson Co., R.G.	Greene	-	-	-	-	-	-	-	-	-	-
Cumberland Air Shaft No. 2	Greene	-	-	-	-	-	-	-	-	-	-
Cumberland Air Shaft No. 3	Greene	-	-	-	-	-	-	-	-	-	-
Cumberland Air Shaft No. 4	Greene	-	-	-	-	-	-	-	-	-	-
Cumberland Air Shaft No. 5	Greene	-	-	-	-	-	-	-	-	-	-

District 4

	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Average Days Worked	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	of Coal	of Coke	No. of Em- ployes	Fatal acci- dents	Non- fatal acci- dents
Operators and Mines											
Johnson Co., R.G. (continued)	Greene	-	-	-	-	-	-	-	226	26	3
Warwich No. 2 North Portal Shaft		-	-	-	-	-	-	-		114	7
Total											
Triangle Enterprises											
Bren-Mar	Greene	-	-	113,784	-	-	113,784	-	202	34	-
United States Steel Corp.	Greene	-	57,540	-	-	-	57,540	-	118	143	4
Cumberland "C"	Greene	-	-	-	-	-	-	-	68	46	3
Cumberland Cleaning Plant		-	57,540	-	-	-	57,540	-	189	-	7
Total											
Zeni-McKenney-Williams Corp.	Greene	-	-	-	-	-	-	-	110	91	5
Cumberland "C"		-	898,229	189,014	837	-	1,088,080	-	178	1,062	60
District Total											

District 5

Consolidation Coal Co.	Allegheny	741,945	-	27,510	-	-	769,455	-	215	392	3
Renton	Allegheny	-	-	-	-	-	-	-	224	26	-
Renton Preparation Plant		741,945	-	27,510	-	-	769,455	-	418	-	3
Total											
Harmar Coal Co.	Allegheny	-	268,281	113	-	-	268,394	-	228	194	6
Harmar	Allegheny	-	160,785	67	-	-	160,852	-	224	102	6
Oakmont	Allegheny	-	-	-	-	-	-	-	228	42	-
Harmar Preparation Plant		-	429,066	180	-	-	429,246	-	338	-	12
Total											
Micale Farm Supply, Joe	Allegheny	-	-	-	-	-	-	-	4	2	-
Micale Coal Yard		581,646	-	-	-	-	581,646	-	227	285	1
Republic Steel Corp.	Allegheny	-	-	-	-	-	-	-	-	-	65
Newfield		1,323,591	429,066	27,690	-	-	1,780,347	-	222	1,043	1
District Total											80

District 6

	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Non-Fatal Accidents
Operators and Mines Consolidation Coal Co.	Washington	704,972	163,431	196,805	-	-	-	1,065,208	213	496	1
Montour No. 4	Washington	105,131	125,842	29,179	-	-	-	260,152	217	146	-
Allegheeny	Allegheeny	-	-	-	-	-	-	-	233	110	-
Champion No. 1 Preparation Plant		810,103	289,273	225,984	-	-	-	1,325,360	752	1	30
Total											
Mathies Coal Co.	Washington	143,356	1,365,010	15,770	-	-	-	1,524,136	215	597	1
Mathies	Washington	-	-	-	-	-	-	-	215	52	-
Mathies Cleaning Plant		143,356	1,365,010	15,770	-	-	-	1,524,136	649	1	19
Total											
District Total		953,459	1,654,283	241,754	-	-	-	2,849,496	216	1,401	2
49											

District 7

Bethlehem Mines Corp.	Washington	723,138	-	-	-	-	-	723,138	213	497	1
Ellsworth No. 51	Washington	-	-	-	-	-	-	-	213	19	-
Ellsworth No. 51 Cleaning Plant	Washington	839,951	-	-	1,002	-	-	840,953	222	601	-
Somerset No. 60	Washington	-	-	-	-	-	-	-	222	14	-
Somerset No. 60 Cleaning Plant	Washington	1,563,089	-	-	1,002	-	-	1,564,091	1,131	1	63
Total											
J & C Olading Co.	Washington	-	-	-	-	-	-	-	203	5	-
Speers Loading Dock	Washington	-	-	-	-	-	-	-	235	410	-
United States Steel Corp.	Washington	-	879,204	3	-	32	-	879,239	235	410	-
Maple Creek No. 1	Washington	-	1,164,370	48	-	-	-	1,164,418	235	410	-
Maple Creek No. 2	Washington	-	-	-	-	-	-	-	235	86	-
Maple Creek Preparation Plant		-	2,043,574	51	-	32	-	2,043,657	906	-	6
Total											
District Total		1,563,089	2,043,574	51	1,002	32	-	3,607,748	225	2,042	1
69											

District 8

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total Production of Coal		Average Days of Worked	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke		tion of Coal	Produ- tion	age	No. of Em- ployes
Crescent Hills Coal Co., Inc.	Washington	-	-	137,882	-	-	-	137,882	-	282	75
Jones & Laughlin Steel Corp.	Washington	-	336,968	-	431	-	-	337,399	-	211	184
Vesta No. 4	Washington	-	364,289	-	823	-	-	365,112	-	166	66
General Machine Shop	Washington	-	-	-	-	-	-	-	-	239	99
LaBelle Preparation Plant	Fayette	-	-	-	-	-	-	-	-	224	220
Total		-	701,257	-	1,254	-	-	702,511	-	1,119	1
Republic Steel Corp.	Washington	-	504,867	-	246	-	-	505,113	-	213	307
Clyde	Washington	-	-	-	-	-	-	-	-	208	26
Clyde Preparation Plant	Washington	-	-	-	246	-	-	505,113	-	333	-
Total		-	504,867	-	246	-	-	505,113	-	333	-
Tremont Mining Co.	Washington	-	-	47,492	-	-	-	47,492	-	202	17
Vesta No. 4 - No. 1 & 2 Hill	Washington	-	1,206,124	185,374	1,500	-	-	1,392,998	-	200	1,544
District Total		-	1,206,124	185,374	1,500	-	-	1,392,998	-	200	1,544

NOTE: (a) This preparation plant cleans and prepares coal from Vesta Nos. 4 and 5 and Shamopin Mines of the Jones & Laughlin Steel Corporation and the Gateway Mine of the Gateway Coal Company.

District 9

Avery Coal Co., Inc.	Clearfield	-	-	-	-	-	-	-	-	240	17	-
Rockton Tipple	Clearfield	-	-	-	-	-	-	-	-	-	-	-
Baughman Coal Co., Inc., R.D.	Jefferson	-	-	-	-	-	-	-	-	140	4)	-
Goshen Tipple	Jefferson	-	-	-	-	-	-	-	-	11	-	-
Tait Tipple	Jefferson	-	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	4	-	-
Benjamin Coal Co.	Jefferson	-	-	-	-	-	-	-	-	246	6	-
Falls Creek Tipple	Clearfield	-	-	-	-	-	-	-	-	243	4	-
Luthersburg Tipple	Clearfield	-	-	-	-	-	-	-	-	243	3	-
Sronach Tipple	Clearfield	-	-	-	-	-	-	-	-	243	13	-
Total		-	-	-	-	-	-	-	-	243	13	-

District 9

Operators and Mines	County	Production of Coal & Coke - Net Tons						Total Production of Coal & Coke	Aver- age Days Worked	No. of Em- ployes	Fatal acci- dents	Non- fatal accidents
		Shipped to Market	By Water	By Truck	Locally for Domestic Purposes	Used in Manu- facture of Coke	Total Produce- tion					
Boyer Coal Co.	Jefferson	-	-	-	-	-	-	-	107	3	-	-
Bechtel No. 5 Tipple	Clearfield	-	-	-	-	-	-	-	78	4	-	-
Bradford Coal Co., Inc.	Jefferson	-	-	-	-	-	-	-	279	2	-	-
Aurora No. 5 Tipple	Clarion	-	-	-	-	-	-	-	357	24	-	-
Brookside Coal Co., Inc.	Clarion	-	-	-	-	-	-	-	359	46	-	-
Emery Tipple		-	-	-	-	-	-	-	70	1	-	-
C & K Coal Co.		-	-	-	-	-	-	-				
Piney Tipple		-	-	-	-	-	-	-				
Rimersburg Tipple		-	-	-	-	-	-	-				
Total												
Carroll Coal Trusts	Clarion	-	-	-	-	-	-	-	256	2	-	-
Carroll Preparation Plant	Clarion	-	-	-	-	-	-	-	206	12	-	-
Chernicky Coal Co., Inc.	Jefferson	-	-	-	-	-	-	-	91	3	-	-
Cher's Pride Tipple	Clarion	-	-	-	-	-	-	-	320	19	-	2
Doan Coal Co.	Clearfield	-	-	133,785	500	-	134,285	-	240	64	-	-
P & S Tipple	Clarion	-	-	-	-	-	-	-	240	4	-	-
Glacial Minerals, Inc.	Clearfield	-	-	-	-	-	-	-	265	7	-	-
Clarion Tipple	Clearfield	-	-	-	-	-	-	-	224	83	-	8
Glen Irvan Corp.	Clearfield	-	-	-	-	-	-	-	224	6	-	-
Bark Camp No. 1		-	-	-	-	-	-	-				
H & G Coal & Clay Co., Inc.		-	-	-	-	-	-	-				
Culbertson Tipple		-	-	-	-	-	-	-				
Hepburnia Coal Co.		-	-	-	-	-	-	-				
Belfast Tipple		-	-	-	-	-	-	-				
Lady Jane Collieries, Inc.		-	-	-	-	-	-	-				
Stott No. 1		-	-	-	-	-	-	-				
Stott No. 1 Cleaning Plant		-	-	-	-	-	-	-				
Total												
Manor Mining & Contracting Co.	Clearfield	-	-	113,652	-	-	113,652	-	279	29	-	3
Manor No. 44	Clarion	-	-	-	-	-	-	-	196	2	-	-
Mauersburg Coal Co.	Clarion	-	-	-	-	-	-	-	59	2	-	-
Evans Tipple		-	-	-	-	-	-	-				
Mays Tipple		-	-	-	-	-	-	-				
Total												

District 9

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Aver- age Days of Em- ployes	Fatal acci- dents
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manu- facture of Coke	Production of Coal	Production of Coke	Worked		
Moshannon Falls Mining Co., Inc.	Clearfield	-	-	-	-	-	-	-	-	226	4
Mt. Carmel No. 2 Tipple		-	-	-	-	-	-	-	-	229	4
P & N Coal Co., Inc.	Jefferson	-	-	-	-	-	-	-	-	228	1
Brockway Tipple	Elk	-	-	-	-	-	-	-	-	4	1
Medix Run Tipple		-	-	-	-	-	-	-	-	8	-
Total											
P & Y Coal Co., Inc.	Jefferson	-	-	-	-	-	-	-	-	150	3
Cherokee Tipple		-	-	-	-	-	-	-	-	148	7
R.E.M. Coal Co., Inc.	Clarion	-	-	-	-	-	-	-	-	234	15
Corsica Tipple		-	-	-	-	-	-	-	-	125	4
River Hill Coal Co., Inc.	Clearfield	-	-	-	-	-	-	-	-	356	26
Hoffman Tipple	Clearfield	-	-	-	-	-	-	-	-	253	14
Rolling Stone Tipple		-	-	-	-	-	-	-	-	276	9
Total										321	16
Shannon Coal Co.	Clarion	-	-	-	-	-	-	-	-	244	2
Shannon Tipple		-	-	-	-	-	-	-	-	160	7
Shawville Coal Co.	Clearfield	-	-	-	-	-	-	-	-	284	3
Surveyor Run Tipple		-	-	-	-	-	-	-	-	294	7
Siegel Coal Co., Harold A.	Clarion	-	-	-	-	-	-	-	-	310	4
Siegel Tipple		-	-	-	-	-	-	-	-	262	472
Stahlman Coal Co., Inc. W.P.	Clarion	-	-	-	-	-	-	-	-	472	22
Stahlman Washery		-	-	-	-	-	-	-	-	-	-
Teeter Coal Co., John	Clearfield	-	-	-	-	-	-	-	-	-	-
Eagle Rock No. 10 Tipple		-	-	-	-	-	-	-	-	-	-
Thomas Coal Co., Inc.	Clearfield	-	-	-	-	-	-	-	-	-	-
Hickory No. 1 Tipple		-	-	-	-	-	-	-	-	-	-
Weaver & Sons, A.P.	Clarion	-	-	-	-	-	-	-	-	-	-
Fryburg Tipple	Clarion	-	-	-	-	-	-	-	-	-	-
Pine City Tipple		-	-	-	-	-	-	-	-	-	-
Total											
Zacherl Coal Co., Inc.	Clarion	-	-	-	-	-	-	-	-	310	4
Lucinda Tipple		-	-	-	-	-	-	-	-	262	472
District Total		184,738	-	247,437	500	-	432,675	-	-	472	22

District 10

	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Locally Used in		Total Production of Coal		Total Production of Coke		Average Days of Worked	
		By Rail	By Water	By Truck	for Domestic Purposes	Manu- facture of Coke	of Coal	of Coke	of Coke	Age	No. of Em- ployes
Operators and Mines											
Allegheny River Mining Co.	Armstrong	-	-	-	-	-	-	-	-	277	11
Cadogan Cleaning Plant	Armstrong	-	-	-	-	-	-	-	-	238	3
B. H. & H., Inc.	Armstrong	-	-	-	-	-	-	-	-	-	-
Decker Tipple	Armstrong	-	-	-	-	-	-	-	-	-	-
Carpentertown Coal & Coke Co.	Armstrong	33,868	-	227,640	-	4,016	265,524	2,208	217	79	13
Mahoning Creek No. 2	Armstrong	-	-	-	-	-	-	-	247	11	-
Mahoning Creek Cleaning Plant	Armstrong	-	-	-	-	-	-	-	-	-	-
Total		33,868	-	227,640	-	4,016	265,524	2,208	90	-	13
ROB Coal Co.	Armstrong	-	-	-	-	-	-	-	-	74	2
Cadogan Tipple	Armstrong	-	-	-	-	-	-	-	-	-	-
Rochester & Pittsburgh Coal Co.	Armstrong	-	-	-	-	-	-	-	-	-	-
Emilie	Armstrong	-	-	788,402(a)	-	-	788,402	-	214	318	35
Emilie No. 4	Armstrong	-	-	78,281	-	-	78,281	-	219	43	-
Jane	Armstrong	-	-	1,283,690(a)	-	-	1,283,690	-	213	516	75
Margaret No. 7 (b)	Armstrong	-	-	169,204(a)	-	-	169,204	-	175	90	11
Margaret No. 11	Armstrong	-	-	234,140	-	-	234,140	-	210	62	14
Total		-	-	2,553,717	-	-	2,553,717	-	1,029	-	135
Williamson Shaft Contracting Co.	Armstrong	-	-	-	-	-	-	-	47	18	-
Emilie No. 4 Shaft (c)	Armstrong	-	-	-	-	-	-	-	-	-	-
District Total		33,868	-	2,781,357(d)	-	4,016	2,819,241	2,208	209	1,153	148

NOTE: (a) Coal was transported by conveyor belt.
 (b) Mine closed as of September 30, 1977.
 (c) Last day worked March 10, 1977.
 (d) 2,241,296 tons were transported by conveyor belt.

District 11

Altmeire Brothers Coal Co.	Armstrong	-	-	-	-	-	-	-	199	10	-
North Apollo Tipple	Armstrong	-	-	-	-	-	-	-	223	196	23
Canterbury Coal Co.	Armstrong	-	-	399,863	-	-	399,863	-	331	49	4
David	Armstrong	-	-	-	-	-	-	-	223	28	-
DiAnne (a)	Armstrong	-	-	-	-	-	-	-	-	-	-
Canterbury Cleaning Plant	Armstrong	-	-	399,863	-	-	399,863	-	273	-	27
Total		-	-	399,863	-	-	399,863	-	-	-	-

District 11

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Average Days of Worked		Fatal Accidents	
		By Rail	By Water	By Truck	For Domestic Purposes	Manu- facture of Coke	tion of Coal	age	No. of Em- ployes	Fatal acci- dents	Non- fatal acci- dents
Allegheny	Allegheny	-	-	160	-	-	160	-	96	1	-
Armstrong	Armstrong	-	-	900	-	-	900	-	119	4	-
Armstrong	Armstrong	169,727	-	-	34	-	169,761	-	211	79	22
Armstrong	Armstrong	-	-	-	-	-	-	-	211	4	-
Total		169,727	-	-	34	-	169,761	-	-	83	22
Loyal Creek Coal Co.	Westmoreland	-	-	20,740	-	-	20,740	-	250	6	-
Loyal Creek No. 1	Westmoreland	-	-	12,608	-	-	12,608	-	209	5	-
Partner Coal Co.	Allegheny	-	-	538,215	1,634	-	599,849	-	221	166	17
Gilmur No. 1	Allegheny	-	-	31,136	-	-	31,136	-	221	19	-
Penn Allegh Coal Co., Inc.	Allegheny	-	-	-	-	-	-	-	221	14	-
Allegheny No. 2	Allegheny	-	-	589,351	1,634	-	590,985	-	199	-	17
Allegheny No. 3	Indiana	378,222	-	-	-	-	378,222	-	214	207	17
Allegheny No. 2 Cleaning Plant	Indiana	-	-	-	-	-	-	-	124	7	-
Total		378,222	-	-	-	-	378,222	-	-	214	17
Tunnelton Mining Co.	District Total	547,949	-	1,023,622	1,668	-	1,573,239	-	226	795	83

NOTE: (a) Mine under construction by the Badger Construction Company. Employees and number of days worked were taken from monthly reports.

District 12

Consolidation Coal Co.	Westmoreland	-	-	-	-	-	-	-	220	19	-
Hutchinson Preparation Plant	Allegheny	-	-	174,920	-	-	174,920	-	276	80	10
Creacent Hills Coal Co., Inc.											
Ocean No. 5											

District 12

	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Total Production of Coal				
		By Rail	By Water	By Truck	By Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Fatal accidents	Non-fatal accidents
Eastern Associated Coal Corp.	Westmoreland	101,926	-	-	-	-	101,926	-	204	76	10
Delmont No. 57 Cleaning Plant	Westmoreland	-	-	-	-	-	-	-	204	15	-
Total		101,926	-	-	-	-	101,926	-	204	91	10
Republic Steel Corp.	Westmoreland	619,550	-	-	558	-	620,108	-	227	321	1
Banning No. 4	Westmoreland	-	-	-	-	-	-	-	227	29	-
Banning No. 4 Cleaning Plant	Westmoreland	619,550	-	-	558	-	620,108	-	227	29	-
Total		619,550	-	-	558	-	620,108	-	227	350	1
District Total		721,476	-	174,920	558	-	896,954	-	230	540	21

District 13

Bortz Coal Co.	Fayette	-	-	-	-	-	-	-	188	4	-
Daugherty Tipple	Fayette	-	-	-	-	-	-	-	185	3	-
Brownsville Welding Co. Coal Yard	Fayette	-	-	-	-	-	-	-	39	2	-
Taylor Preparation Plant	Fayette	-	-	-	-	-	-	-	210	5	-
Genovese Coal Co.	Fayette	-	-	-	-	-	-	-	189	5	-
Genovese Coal Processing Plant	Fayette	-	-	-	-	-	-	-	184	6	-
J & C Loading Co.	Fayette	-	-	-	-	-	-	-	16	-	-
Gray's Landing Ramp	Fayette	-	-	-	-	-	-	-	239	548	29
Lock No. 8 Loading Dock	Fayette	-	-	-	-	-	-	-	217	266	22
Masontown Dock	Fayette	-	-	-	-	-	-	-	218	10	-
Total		-	-	-	-	-	-	-	276	276	22
Jones & Laughlin Steel Corp.	Greene	-	565,349	-	1,404	-	566,753	-	239	548	29
Shannopin	Fayette	-	384,890	-	2,167	-	387,057	-	217	266	22
National Mines Corp.	Fayette	-	-	-	-	-	-	-	218	10	-
Isabella	Fayette	-	-	-	-	-	-	-	276	276	22
Isabella Cleaning Plant	Fayette	-	384,890	-	2,167	-	387,057	-	239	548	29
Total		-	384,890	-	2,167	-	387,057	-	217	266	22

District 13

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes of Coke	Used in Manufacture of Coal	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Non-Fatal Fatal accidents
United States Steel Corp.	Fayette	-	257,147	-	218	-	257,365	-	245	101	4
Mc. Braddock	Fayette	-	-	-	-	-	-	-	247	4	-
Leckrone Timber Treating Plant	Fayette	-	-	-	-	-	-	-	247	80	-
Filbert Shop	Fayette	-	-	-	-	-	-	-	247	34	-
Everson Shop	Fayette	-	-	-	-	-	-	-	247	-	-
Total		-	257,147	-	218	-	257,365	-	219	-	4
District Total		-	1,207,386	-	3,789	-	1,211,175	-	233	1,068	55

District 14

Arcadia Co., Inc., The	Indiana	-	-	-	-	-	-	-	112	2	-
Arcadia No. 43 Tipple	Indiana	-	-	-	-	-	-	-	126	3	-
Rossiter No. 2 Tipple	Indiana	-	-	-	-	-	-	-	-	5	-
Total		-	-	-	-	-	-	-	-	-	-
Baughman Coal Co., Inc., R.D.	Armstrong	-	-	-	-	-	-	-	6	4	-
Widnoon Tipple.	Armstrong	-	-	-	-	-	-	-	19	1	-
Brocius	Armstrong	-	-	-	82	-	82	-	-	-	-
Cannel Coal Co., Inc.	Armstrong	-	-	-	4,358	-	4,358	-	72	3	-
Cannel No. 1	Armstrong	-	-	-	-	-	-	-	228	4	-
Colwell Coal Co.	Armstrong	-	-	-	-	-	-	-	189	36	1
Colwell Loading Dock & Crusher	Armstrong	-	-	-	-	-	-	-	-	-	-
Copper Valley Coal Co., Inc.	Indiana	-	-	38,126	-	-	38,126	-	205	3	-
Copper Valley No. 6	Indiana	-	-	-	-	-	-	-	296	12	-
Davis Coal Co.	Indiana	-	-	-	1,255	-	1,255	-	57	14	-
Davis No. 3	Indiana	-	-	-	-	-	-	-	227	22	-
Dean Contractor, Inc., Ernest C.	Armstrong	-	-	-	-	-	-	-	257	25	-
Bostonia Tipple	Armstrong	-	-	-	-	-	-	-	61	-	7
Doverspike Brothers Coal Co.	Jefferson	3,832	-	-	-	-	3,832	-	-	-	-
Ringgold No. 2	Indiana	93,594	-	-	-	-	93,594	-	-	-	-
Sugarcamp	Indiana	-	-	-	-	-	-	-	-	-	-
Dora Preparation Plant	Jefferson	-	-	-	-	-	-	-	-	-	-
Total		97,426	-	-	-	-	97,426	-	-	-	-

District 14

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market			Locally Used in			Total Production of Coal			Non-Fatal Fatal
		By Rail	By Water	By Truck	for Domestic Purposes	for Manufacture of Coke	Coal	Production of Coal	Production of Coke	Average No. Days Worked	accidents
Fetterman Coal Co.	Indiana	-	-	-	-	-	-	-	-	240	-
Fetterman Tipple	Indiana	-	-	-	-	-	-	-	-	240	-
Glenn Coal Co., Div. of	Jefferson	-	-	-	-	-	-	-	-	269	-
Champion Coal Co., Inc.	Jefferson	-	-	-	-	-	-	-	-	245	-
Coulter Tipple	Armstrong	-	-	-	-	-	-	-	-	245	-
Harmon Coal Co.	Armstrong	-	-	-	-	-	-	-	-	245	-
Harmon Tipple	Armstrong	-	-	-	-	-	-	-	-	245	-
Johnstown Coal & Coke Co.	Armstrong	-	-	-	-	-	-	-	-	245	-
Johnstown Coal & Coke Preparation Plant	Indiana	-	-	-	-	-	-	-	-	237	2
Kennedy Coal Co.	Indiana	-	-	-	-	-	-	-	-	237	2
Kennedy No. 4	Jefferson	14,900	-	-	-	-	-	14,900	-	189	7
Kniseley Coal Co.	Jefferson	-	-	-	-	-	-	-	-	221	1
Kniseley No. 10	Jefferson	-	-	12,564	-	-	-	12,564	-	221	1
Kraynak Coal Co.	Indiana	-	-	8,970	2,600	-	-	11,570	-	236	4
Kraynak No. 3	Indiana	-	-	8,970	2,600	-	-	11,570	-	236	4
Manor Mines, Inc.	Indiana	-	-	57,376	-	-	-	57,376	-	218	13
Manor No. 8	Indiana	-	-	57,376	-	-	-	57,376	-	218	13
Marion Center Mining Co.	Indiana	-	-	-	-	-	-	-	-	162	2
Kinter No. 1 Dock (a)	Indiana	-	-	-	-	-	-	-	-	162	2
Markle-Bullers Coal Co.	Armstrong	-	-	-	-	-	-	-	-	239	4
Markle Preparation Plant	Armstrong	-	-	-	-	-	-	-	-	123	2
Markle Tipple	Armstrong	-	-	-	-	-	-	-	-	123	2
Total		-	-	-	-	-	-	-	-	6	-
P & N Coal Co., Inc.	Jefferson	-	-	-	-	-	-	-	-	31	4
Cloe Yard Tipple	Jefferson	-	-	-	-	-	-	-	-	18	2
Dayton Tipple	Jefferson	-	-	-	-	-	-	-	-	218	7
Hillman Tipple	Jefferson	-	-	-	-	-	-	-	-	218	7
Total		-	-	-	-	-	-	-	-	13	-
Terry Coal Sales, Inc.	Armstrong	-	-	-	-	-	-	-	-	291	8
Terry Tipple	Armstrong	-	-	-	-	-	-	-	-	291	8
West Penn Tipple Co.	Indiana	-	-	-	-	-	-	-	-	52	3
Penn No. 1 Tipple (b)	Indiana	-	-	-	-	-	-	-	-	52	3
District Total		112,326	-	117,036	8,295	-	-	237,657	-	204	251
		-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-

NOTE: (a) Sold October, 1977.

(b) Formerly Kinter No. 1 Dock, Marion Center Mining Co.

District 15

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	for Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Non-Fatal Accidents
Apollo Corp., The	Indiana	-	-	-	-	-	-	-	159	10	-
Apollo No. 1 Tipple	Indiana	-	-	-	-	-	-	-	150	16	-
Apollo No. 2 Preparation Plant	Indiana	-	-	-	-	-	-	-	26	-	-
Total											
Dixonville Mining Co.	Indiana	-	-	18,636	-	-	18,636	-	249	8	-
Dixon Run No. 6	Indiana	-	-	-	-	-	-	-	-	-	-
F. P. & K. Coal Co.	Indiana	-	-	-	1,248	-	1,248	-	109	2	-
Moros	Indiana	-	-	-	-	-	-	-	-	-	-
Glory Coal Co., Inc.	Indiana	-	-	55,477	-	-	55,477	-	212	22	1
Glory No. 2	Indiana	-	-	-	-	-	-	-	-	-	-
James Coal Mining Co.	Indiana	-	-	-	-	-	-	-	102	6	1
Glenside Preparation Plant	Indiana	-	-	-	-	-	-	-	-	-	-
McIntire Coal Co.	Indiana	-	-	-	-	-	-	-	273	3	-
Park Side Tipple	Indiana	-	-	-	-	-	-	-	-	-	-
Mears Coal Co.	Indiana	-	-	64,728	-	-	64,728	-	237	23	1
Chestnut Ridge No. 1	Indiana	-	-	126,096	-	-	126,096	-	249	26	2
Dixon Run No. 3	Indiana	-	-	-	-	-	-	-	241	20	3
M.Y. No. 1	Indiana	-	-	4,867	-	-	4,867	-	243	29	6
Penn Hill No. 2	Indiana	-	-	90,572	-	-	90,572	-	250	42	-
Mears Custom Preparation Plant	Indiana	-	-	-	-	-	-	-	-	-	-
Total				286,263	-	-	286,263	-	140	-	12
Oneida Mining Co., The	Indiana	196,589	-	-	-	-	196,589	-	215	275	61
Oneida No. 4	Indiana	-	-	-	-	-	-	-	215	23	-
Oneida Preparation Plant	Indiana	196,589	-	-	-	-	196,589	-	298	-	61
Total											
Rochester & Pittsburgh Coal Co.	Indiana	-	-	84,007	-	-	84,007	-	184	50	7
Urling No. 1	Indiana	-	-	66,126	-	-	66,126	-	187	53	14
Urling No. 2	Indiana	-	-	197,481	-	-	197,481	-	209	102	18
Urling No. 3	Indiana	-	-	347,614	-	-	347,614	-	205	-	39
Total											
Valley Coal Co., Inc.	Indiana	-	-	24,561	-	-	24,561	-	171	11	1
Valley No. 11	Indiana	-	-	122,867	-	-	122,867	-	231	35	2
Valley No. 12	Indiana	-	-	147,428	-	-	147,428	-	46	-	3
Total											
District Total		196,589	-	855,418	1,248	-	1,053,255	-	213	756	117

District 16

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Coal		Total		Aver-	
		By Rail	By Water	By Truck	For Domestic Purposes	Locally	Manu- facture of Coke	Produc- tion of Coal	tion of Coke	Days of Em- ployes	Non- Fatal acci- dents
Florence Mining Co., The	Indiana	-	-	-	122,409	-	-	122,409	-	191	21
Dias	Indiana	-	-	1,076,205(a)	-	-	-	1,076,205	-	192	93
Florence No. 1 Preparation Plant	Indiana	-	-	-	-	-	-	-	-	220	-
Florence No. 2	Indiana	-	-	331,783(a)	-	-	-	331,783	-	217	28
Total		-	-	1,407,988	122,409	-	-	1,530,397	-	1,254	142
North American Coal Corp., The											
Conemaugh No. 1	Indiana	-	-	244,581	-	-	-	244,581	-	201	1
Conemaugh No. 1 Preparation Plant	Indiana	-	-	-	-	-	-	-	-	219	-
Total		-	-	-	-	-	-	-	-	231(b)	1
District Total		-	-	1,652,569(c)	122,409	-	-	1,774,978	-	199	143

NOTE: (a) Coal was transported by conveyor belt.
 (b) After the flood of July 20, 1977, only 104 men were employed.
 (c) 1,407,988 tons were transported by conveyor belt.

District 17

Associated Drilling Co., Inc.		170,040	-	-	-	-	-	170,040	-	226	13
Kephart	Clearfield										
Avery Coal Co., Inc.	Clinton	-	-	-	-	-	-	-	-	240	-
Kettle Creek Tipple	Clearfield	-	-	-	-	-	-	-	-	220	-
Mid Penn Tipple	Clearfield	-	-	-	-	-	-	-	-	240	-
Van Tipple		-	-	-	-	-	-	-	-	28	-
Total		-	-	-	-	-	-	-	-	53	-
Benjamin Coal Co.	Clearfield	-	-	-	-	-	-	-	-	248	4
Benjamin No. 3 Cleaning Plant	Clearfield	-	-	-	-	-	-	-	-	248	-
Benjamin No. 6 Cleaning Plant		-	-	-	-	-	-	-	-	53	4
Total		-	-	-	-	-	-	-	-	-	-
Bradford Coal Co., Inc.		-	-	-	-	-	-	-	-	256	-
Cooper Smokeless No. 2 Prep. Pl.	Clearfield	-	-	-	-	-	-	-	-	244	-
Shannon Smokeless No. 1 Prep. Pl.	Clearfield	-	-	-	-	-	-	-	-	18	-
Total		-	-	-	-	-	-	-	-	48	-
Brown, Inc., E.M.		-	-	-	-	-	-	-	-	7	1
Brown No. 5 Tipple	Clearfield										

District 17

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		By Truck		Coal Used		Total Production of Coal		Average Days of Worked	
		By Rail	By Water	By	By	Locally	for Domestic Purposes	of Coal	of Coke	No. of Em- ployes	Fatal fatal
Carlin, Inc., R.S.	Centre	-	-	-	-	-	-	-	-	242	5
Snow Shoe Tipple	Clearfield	-	-	-	-	-	-	-	-	237	3
Empire Coal Co.	Lycoming	-	-	-	-	-	-	-	-	226	1
Benjamin No. 10 Tipple	Clearfield	-	-	-	-	-	-	-	-	211	5
Fisher Tipple	Clinton	-	-	-	-	-	-	-	-	245	5
Flango Brothers Coal, Inc.	Clearfield	-	-	-	-	-	-	-	-	275	11
Amesville Tipple	Clearfield	-	-	-	-	-	-	-	-	153	23
Garden Coal Co., Inc.	Centre	-	-	-	-	-	-	-	-	245	2
Loop Run Siding	Bradford	-	-	-	-	-	-	-	-	69	2
Helena Coal Co., Inc.	Lycoming	-	-	-	-	-	-	-	-	285	8
Leslie Tipple	Centre	-	-	-	-	-	-	-	-	268	4
Jill Mining Co., Inc.	Centre	-	-	-	-	-	-	-	-	14	-
Cunnard Tipple	Centre	-	-	-	-	-	-	-	-	-	-
Johnson & Morgan	Centre	-	-	-	-	-	-	-	-	-	-
Bradford Breaker	Centre	-	-	-	-	-	-	-	-	-	-
Jones & Brague Mining Co.	Centre	-	-	-	-	-	-	-	-	-	-
Barclay Tipple	Centre	-	-	-	-	-	-	-	-	-	-
Pine Hill Tipple	Centre	-	-	-	-	-	-	-	-	-	-
Red Run Tipple	Centre	-	-	-	-	-	-	-	-	-	-
Total		483,167	-	-	-	-	-	483,167	-	213	198
Kristianson & Johnson Coal Co.	Centre	483,167	-	-	-	-	-	483,167	-	213	42
St. Lawrence Tipple	Centre	-	-	-	-	-	-	-	-	240	-
North Cambria Fuel Co.	Centre	-	-	-	-	-	-	-	-	225	4
No. 14 Tipple	Centre	-	-	-	-	-	-	-	-	254	32
Rushton Mining Co.	Centre	-	-	-	-	-	-	-	-	5	5
Rushton Tipple	Centre	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-
S&D Trucking Co.	Centre	-	-	-	-	-	-	-	-	-	-
Halfway Coal Yard	Centre	-	-	-	-	-	-	-	-	-	-
Stott Coal Co., Inc.	Centre	-	-	-	-	-	-	-	-	-	-
Belfast No. 14 Siding	Centre	-	-	-	-	-	-	-	-	-	-
Warquier Coal Co.	Centre	-	-	-	-	-	-	-	-	-	-
Warquier Tipple	Centre	-	-	-	-	-	-	-	-	-	-
District Total		653,207	-	-	-	-	-	653,207	-	225	588
		-	-	-	-	-	-	-	-	-	34

District 18

	Production of Coal & Coke - Net Tons									
	Shipped to Market			Coal Used			Total Production of Coal			Non-Fatal accidents
	By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average age of Worked	No. of employees	
Operators and Mines										
Barnes & Tucker Co.										
Lancashire No. 24B	361,082	-	-	-	-	361,082	-	217	280	- 76
Lancashire No. 24D	131,081	-	260,152	9,440	-	400,673	-	214	382	- 192
Lancashire No. 24 Preparation Pl.	-	-	-	-	-	-	-	217	73	-
Total	492,163	-	260,152	9,440	-	761,755	-	735	735	- 268
Bethlehem Mines Corp.										
Revloc No. 32	11,262	-	-	-	-	11,262	-	8	390	1 2
District Total	503,425	-	260,152	9,440	-	773,017	-	215	1,125	1 270

District 19

Barnes & Tucker Co.										
Lancashire No. 25	383,406	-	-	-	-	383,406	-	220	362	- 108
Shops	-	-	-	-	-	-	-	220	54	- 7
Lancashire No. 25 Preparation Pl.	-	-	-	-	-	-	-	220	44	-
Total	383,406	-	-	-	-	383,406	-	460	460	- 115
Greenwich Collieries										
Div. of Pa. Mines Corp.										
Greenwich No. 1	898,966	-	-	-	-	898,966	-	212	492	- 111
Greenwich No. 2	884,376	-	-	-	-	884,376	-	212	514	- 89
Greenwich Preparation Plant	-	-	-	-	-	-	-	212	64	-
Total	1,783,342	-	-	-	-	1,783,342	-	1,070	1,070	- 200
Hillsdale Mining Co.										
Hillsdale No. 1	-	-	45,515	-	-	45,515	-	218	15	- 1
Laney Coal Co.										
Laney No. 9	-	-	-	360	-	360	-	85	1	-
District Total	2,166,748	-	45,515	360	-	2,212,623	-	214	1,546	- 316

District 20

	County	Production of Coal & Coke - Net Tons										Total	Aver- age	No. of Em- ployes	Fatal acci- dents	Non- fatal
		Shipped to Market			Coal Used											
		By Rail	By Water	By Truck	Domestic Purposes	for Manufacture of Coke	Total Production of Coal	Total Production of Coke	Days Worked							
Operators and Mines																
Bethlehem Mines Corp.																
Mine No. 31	Cambria	216,861	-	-	-	-	216,861	-	178	431	-	16				
Brookdale No. 77 (a)	Cambria	-	-	109,420	-	-	109,420	-	124	221	-	7				
Brookdale Preparation Plant	Cambria	-	-	-	-	-	-	-	125	15	-	-				
Total		216,861	-	109,420	-	-	326,281	-	667	-	23					
Vinton Coal Co.																
Vinton No. 3	Cambria	-	-	-	352	-	352	-	32	3	-	-				
District Total		216,861	-	109,420	352	-	326,633	-	158	670	-	23				

NOTE: (a) These figures represent normal operating conditions prior to the flood on July 20, 1977. As of December 31, 1977 the mine is still on flood recovery work.

District 21

Bethlehem Mines Corp.											
Ehrenfeld No. 38-D	Cambria	166,284	-	-	-	-	-	166,284	-	178	248
Ehrenfeld Tipple	Cambria	-	-	-	-	-	-	-	-	178	11
Ehrenfeld No. 38-E	Cambria	-	-	42,037	-	-	-	42,037	-	178	35
Solomon Run No. 73	Cambria	-	-	74,817	-	-	-	74,817	-	199	74
Total		166,284	-	116,854	-	-	-	283,138	-	368	-
Cooney Brothers Coal Co.											
Sonman Processing Plant	Cambria	-	-	-	-	-	-	-	-	220	12
G.M. & K. Coal Co.											
No. 40 Processing Plant	Cambria	-	-	-	-	-	-	-	-	180	21
Harmony Mining Co.											
Harmony No. 1	Cambria	-	-	84,741	-	5,677	-	90,418	-	225	80
Island Creek Coal Co.											
Bird No. 2	Somerset	170,197	-	-	-	-	-	170,197	-	223	199
Bird No. 3	Cambria	196,614	-	-	-	-	-	196,614	-	224	189
Riverside Processing Plant	Cambria	-	-	-	-	-	-	-	-	224	37
Total		366,811	-	-	-	-	-	366,811	-	425	-

District 21

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Total	
		By Rail	By Water	By Truck	for Domestic Purposes	Manu- facture of Coke	of Coal	Produc- tion	age	No.	Fatal
								of Coke	Days	Worked	accidents
Jandy Coal Co., Inc.	Cambria	66,000	-	-	-	-	66,000	-	143	85	-
Eureka No. 40	Cambria	-	-	-	-	-	-	-	150	21	-
Jandy Processing Plant		66,000	-	-	-	-	66,000	-	-	-	-
Total										106	-
Longwall Mining, Inc.	Cambria	-	-	103,459	-	-	103,459	-	192	78	-
Longwall No. 1											
M & K Coal Co.	Cambria	-	-	-	-	-	-	-	140	18	-
No. 37 Processing Plant											
Universal Minerals Co.	Cambria	-	-	-	-	-	-	-	210	15	-
Soman Processing Plant											
District Total		599,095	-	305,054	5,677	-	909,826	-	198	1,123	-
											41

District 22

Bethlehem Mines Corp.	Somerset	137,592	-	75,034	-	-	212,626	-	176	140	-
Mine No. 78											9
Bloom Coal Co.	Somerset	-	-	2,317	-	-	2,317	-	197	1	-
Bloom No. 1											-
Cairbrook Coal Co., Inc.	Somerset	-	-	25,082	-	-	25,082	-	208	14	-
Cairbrook No. 9											1
Consolidation Coal Co.	Somerset	105,453	156,338	-	-	-	261,791	-	216	208	-
Laurel	Somerset	-	-	-	-	-	-	-	197	31	-
Laurel Preparation Plant		105,453	156,338	-	-	-	261,791	-	-	239	-
Total											5
Country Club Coal Co.	Somerset	-	-	-	4,539	-	4,539	-	51	10	-
Country Club No. 6											-
Country Club No. 7	Somerset	-	-	-	13,236	-	13,236	-	147	16	-
Total					17,775	-	17,775	-	-	26	-
Doe Valley Coal Co.	Somerset	-	-	-	-	-	-	-	97	3	-
Doe Valley Loading Dock											-
Heshon Coal Co., Inc.	Somerset	-	-	-	-	-	-	-	72	3	-
Eureka No. 36 Tipple											-

District 22

Operators and Mines	County	Production of Coal & Coke - Net Tons					Total Produc- tion of Coal of Coke	Aver- age Days of Worked	No. of Em- ployes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to Market	By Truck	By Water	By Locally for Domestic Purposes	Coal Used in Manu- facture of Coke					
Hiyosota Fuel Co., Inc. Ralphiton No. 1 Huston Coal Co.	Somerset	-	117,280	-	-	-	117,280	234	51	-	1
Valent	Somerset	-	-	-	108	-	108	33	1	-	-
J & D Mining, Inc. Miller Run	Somerset	-	80,584	-	-	-	80,584	193	20	-	-
J.T. Coal Co. J. T. No. 2	Somerset	-	38,804	-	-	-	38,804	141	30(a)	-	5
J.T. Coal Co., Div. of Reitz Coal Co.	Somerset	-	950	-	-	-	950	20	(a)	-	2
J. T. No. 2 Lunar Mining, Inc.	Somerset	-	168,393	-	-	-	168,393	226	65	-	-
Solar No. 7 North Somerset Mining & Contracting Co., Inc.	Somerset	-	-	-	-	107,785	107,785	228	75	-	18
North Somerset No. 1 PBS Coals, Inc.	Somerset	-	-	-	-	-	-	258	21	-	1
Shade Creek Cleaning Plant Potochar & Potochar Coal Co.	Somerset	-	2,512	-	-	-	2,512	97	2	-	-
Potochar No. 2 Reitz Coal Co.	Somerset	-	-	-	-	-	-	155	24	-	-
Reitz No. 4 Cleaning Plant	Somerset	-	-	-	-	-	-	205	19	-	-
Reitz No. 11 Cleaning Plant	Somerset	-	-	-	-	-	-	-	43	-	-
Total		-	-	-	-	-	-	-	-	-	-
Richland Coal Corp. Eureka No. 35 Lower	Somerset	-	-	-	2,337	-	2,337	157	3	-	-
St. Thomas Coal Co.	Somerset	-	5,063	-	-	-	5,063	101	12	-	2
Solar Fuel Co., Div. of Gulf & Western Industries, Inc.	Somerset	-	18,979	-	-	-	38,732	245	23	-	-
Solar No. 5	Somerset	19,753	-	-	-	-	-	238	30	-	-
Stoystown Cleaning Plant	Somerset	-	-	-	-	-	-	-	-	-	-
Total		19,753	18,979	-	-	-	38,732	-	53	-	-
Trent Coal, Inc. Hritz	Somerset	-	15,041	-	-	-	15,041	239	8	-	-

District 22

Operators and Mines Triumph Coal Co.	Production of Coal & Coke - Net Tons									
	Shipped to Market					Total Production of Coal				
	By Rail	By Water	By Truck	By Domestic Purposes of Coke	Locally Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Fatal Accidents
County										
Somerset	-	-	-	-	-	-	-	112	19	-
District Total	262,798	156,338	547,722	22,537	107,785	1,097,180	-	194	829	-

NOTE: (a) Same Employees.

District 23

Appalachian Fuels, Inc.	Somerset	-	-	-	-	-	-	238	6	-
Somerset No. 1 Tipple	Somerset	-	-	-	-	-	-	45	2	-
Cardinal Mining Co., The	Somerset	-	-	-	-	-	-	241	4	-
Bear Run Tipple	Somerset	-	-	-	-	-	-	6	1	-
Adams Siding Tipple	Somerset	-	-	-	-	-	-	177	(a)	-
Casselman Coal Sales Co.	Somerset	-	-	-	-	-	-	201	4	-
Rockwood Tipple	Somerset	-	-	-	-	-	-	200	2	-
Coal Junction Coal Co.	Somerset	-	-	-	-	-	-	45	(b)	-
Coal Junction Tipple	Somerset	-	-	-	-	-	-	240	7	-
Croner, Inc.	Somerset	-	-	-	-	-	-	233	97	-
Pine Hill No. 2 Tipple	Somerset	-	-	-	-	-	-	220	2	-
Decker Construction Co.	Somerset	-	-	-	-	-	-	99	4	-
Shober Tipple	Somerset	-	-	-	-	-	-	-	-	-
Delta Coal Sales, Inc.	Somerset	-	-	-	-	-	-	-	-	-
Blue Lick Tipple	Somerset	-	-	-	-	-	-	-	-	-
Fetterolf Coal Co., Inc., M.F.	Somerset	-	-	-	-	-	-	-	-	-
Cleaning Plant No. 1	Somerset	-	-	-	-	-	-	-	-	-
Cleaning Plant No. 3	Somerset	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-

District 23

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market	By Rail	By Water	By Truck	Domestic Purposes	Coal Used for Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average days worked	Non-fatal accidents
G.M. & W. Coal Co., Inc.											
Grove No. 1	Somerset	-	-	-	-	-	362,523	362,523	-	213	197
Grove No. 2	Somerset	-	-	-	-	-	150,062	150,062	-	216	94
Grove No. 3	Somerset	-	-	-	-	-	293,195	293,195	-	216	151
Grove No. 4	Somerset	-	-	-	-	-	3,284	3,284	-	216	25
Total							809,064	809,064		467	105
Mark Mining, Inc.											
Mark No. 1 (c)	Somerset	-	-	-	450,924	-	-	450,924	-	212	131
Mountain Mining Co., Inc.											
Mountain No. 1	Somerset	-	-	-	500	-	-	500	-	45	5
PBS Coals, Inc.											
Cambria Tipple	Somerset	-	-	-	-	-	-	-	-	252	28
Pembroke Coal Co.											
Shober No. 1 Tipple	Somerset	-	-	-	-	-	-	-	-	67	6
Penn Pocahontas Coal Co.											
Cleaning Plant	Somerset	-	-	-	-	-	-	-	-	225	35
Sanner Coal Co.											
Shaw No. 7 Tipple	Somerset	-	-	-	-	-	-	-	-	273	3
Scurfield Coal, Inc.											
Scurfield No. 1 Tipple & Cl. Pl.	Somerset	-	-	-	-	-	-	-	-	231	11
Solar Fuel Co., Div of Gulf & Western Industries, Inc.											
Solar No. 9	Somerset	28,124	-	-	27,022	-	-	55,146	-	245	54
Spewock, Theodore											
Clark Hollow	Westmoreland	-	-	-	-	391	-	391	-	137	1
Star Coal Co.											
Venus No. 1	Somerset	-	-	-	1,652	-	-	1,652	-	35	12
Svonavec Coal Co.											
Rockwood Tipple	Somerset	-	-	-	-	-	-	-	-	149	12
Tri-C Coal Co., Inc.											
Stoystown Tipple	Somerset	-	-	-	-	-	-	-	-	242	6
District Total		28,124	-	-	480,098	391	809,064	1,317,677	-	217	895
District Total		28,124	-	-	480,098	391	809,064	1,317,677	-	217	895

NOTE: (a) Employees included with those at Rockwood Tipple Svonavec Coal Co.
 (b) Employees included with those at Shober No. 1 Tipple Pembroke Coal Co.
 (c) Formerly Delta No. 1 Mine, Delta Mining, Inc.

District 24

				Production of Coal & Coke - Net Tons								
				Shipped to Market	Coal Used Locally for Domestic Purposes	Coal Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. Employed	Fatal Accidents	Fatal Accidents
By Rail	By Water	By Truck										
207,552	-	124,773	-	-	-	-	332,325	-	214	395	-	152
-	-	-	-	-	-	-	-	-	214	39	-	5
207,552	-	124,773	-	-	-	-	332,325	-	434	-	-	157
721,027	-	118,244	-	-	-	-	839,271	-	146	906	-	19
-	-	-	-	-	-	-	-	-	189	126	-	2
721,027	-	118,244	-	-	-	-	839,271	-	1,032	-	-	21
-	-	-	-	-	-	-	-	-	81	8	-	-
-	-	-	-	-	-	-	-	-	295	6	-	-
-	-	-	-	-	-	-	-	-	14	-	-	-
114,579	-	-	2,827	-	-	-	117,406	-	218	149	-	32
-	-	-	-	-	-	-	-	-	221	20	-	-
114,579	-	-	2,827	-	-	-	117,406	-	169	-	-	32
-	-	901	-	-	-	-	901	-	250	1	-	-
1,043,158	-	243,918	2,827	-	-	-	1,289,903	-	175	1,650	-	210

District 25

Helen Mining Co., The	Indiana	763,151(a)	-	-	-	-	763,151	-	208	431	-	43
Homer City	Indiana	-	-	-	-	-	-	-	210	455	1	64
Helvetia Coal Co.	Indiana	1,092,451(a)	-	-	-	-	1,092,451	-	222	139	-	28
Lucerne No. 6	Indiana	327,611	-	-	-	-	327,611	-	221	83	-	14
Lucerne No. 8	Indiana	132,680	-	-	-	-	132,680	-	677	1	106	-
Lucerne No. 9	Indiana	1,552,742	-	-	-	-	1,552,742	-	85	49	-	-
Iselin Preparation Co.	Indiana	-	-	-	-	-	-	-	207	106	-	9
Homer City Cleaning Plant	Indiana	134,491	-	-	-	-	134,491	-	205	94	-	10
North American Coal Corp.	Indiana	123,780	-	-	-	-	123,780	-	200	-	-	19
Aulds Run No. 2	Indiana	258,271	-	-	-	-	258,271	-	-	-	-	-
Josephine No. 2	Indiana	-	-	-	-	-	-	-	-	-	-	-
Total												

District 25

Operators and Mines Weimer Coal Co. Weimer No. 1	Production of Coal & Coke - Net Tons									
	Shipped to Market					Coal Used				
	By Rail	By Water	By Truck	By Domestic	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Non-Fatal Accidents
Indiana	-	-	2,113	-	-	2,113	-	154	4	-
District Total	-	-	2,576,277(b)	-	-	2,576,277	-	206	1,361	1

NOTE: (a) Coal was transported by conveyor belt.
(b) 1,855,602 tons were transported by conveyor belt.

District 26

Bethlehem Mines Corp.	Washington	930,474	-	-	171	-	930,645	-	209	581	-	10
Marianna No. 58	Washington	-	-	-	-	-	-	-	209	23	-	-
Marianna No. 58 Cleaning Plant	Total	930,474	-	-	171	-	930,645	-	640	-	-	10
Consolidation Coal Co.,	Washington	523,745	-	140,394	-	-	664,139	-	208	292	-	18
Westland No. 1	Washington	59,477	-	16,858	-	-	76,335	-	210	71	-	1
Westland No. 2	Total	583,222	-	157,252	-	-	740,474	-	363	-	-	19
Gateway Coal Co.,	Greene	-	1,054,826	-	-	-	1,054,826	-	229	662	-	55
Gateway Coal Co., Inc.	Beaver	-	-	-	-	-	-	-	233	7	-	-
Peggs Run No. 2	Beaver	-	-	-	-	-	-	-	233	8	-	-
Peggs Run No. 2 Cleaning Plant	Total	-	-	-	-	-	-	-	15	-	-	-
District Total		1,513,696	1,054,826	157,252	171	-	2,725,945	-	217	1,644	-	84

District 30

Production of Coal & Coke - Net Tons														
Shipped to Market			By Water		By Truck	Purposes of Coke		Locally Used in Manufacture of Coke		Total Production of Coal	Total Production of Coke	Average No. of Employees	Fatal accidents	Non-fatal accidents
County	By Rail	By Water	By Truck	Domestic	For Manufacture of Coke	For Other Purposes	For Other Purposes	For Other Purposes	For Other Purposes	For Other Purposes	For Other Purposes	For Other Purposes	For Other Purposes	For Other Purposes
Operators and Mines														
AH-RS Coal Corp.														
Butler	36,505	-	-	-	-	-	-	-	-	36,050	-	264	10	-
B & D Coal Co.														
Butler	-	-	110,539	-	-	-	-	-	-	110,539	-	312	21	1
B & G Construction Co., Inc.														
Butler	-	-	-	-	-	-	-	-	-	-	-	84	3	-
Butler	15,217	-	-	-	-	-	-	-	-	15,217	-	54	-	-
Total	15,217	-	-	-	-	-	-	-	-	15,217	-	3	-	-
Bavero & Sons Construction & Mining Co., Inc.														
Butler	-	-	1,782	-	-	-	-	-	-	1,782	-	32	4	-
Big B Mining Co., Inc.														
Butler	-	-	58,500	-	-	-	-	-	-	58,500	-	225	6	-
Butler	-	-	10,800	-	-	-	-	-	-	10,800	-	80	3	-
Butler	-	-	16,800	-	-	-	-	-	-	16,800	-	85	-	-
Total	-	-	86,100	-	-	-	-	-	-	86,100	-	9	-	-
Black Fox Mining & Development Corp.														
Butler	19,946	-	16,000	20	-	-	-	-	-	35,966	-	122	22	1
Butler	12,840	-	8,000	15	-	-	-	-	-	20,855	-	65	-	-
Butler	300	-	4,100	-	-	-	-	-	-	4,400	-	31	-	-
Butler	16,795	-	10,000	-	-	-	-	-	-	26,795	-	63	-	1
Butler	9,000	-	-	25	-	-	-	-	-	9,025	-	18	-	-
Total	58,881	-	38,100	60	-	-	-	-	-	97,041	-	22	-	2
Bracken Construction Co.														
Butler	89,122	-	14,173	-	-	-	-	-	-	103,295	-	258	29	3
C & K Coal Co.														
Butler	11,578	-	1,286	-	-	-	-	-	-	12,864	-	118	14	-
Butler	40,485	-	4,498	-	-	-	-	-	-	44,983	-	268	-	-
Butler	2,598	-	289	-	-	-	-	-	-	2,887	-	54	(a)	-
Total	54,661	-	6,073	-	-	-	-	-	-	60,734	-	14	-	-
Duncan Coal Co.														
Butler	-	-	32,207	-	-	-	-	-	-	37,207	-	297	10	25
Butler	-	-	14,723	-	-	-	-	-	-	14,723	-	133	*	-
Butler	-	-	4,632	-	-	-	-	-	-	4,632	-	87	8	-
Total	-	-	56,562	-	-	-	-	-	-	56,562	-	18	-	25

District 30

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	Total Production of Coal	Locally for Manufacture of Coke	Used in Manufacture of Coke	Total Production of Coal	Average age of Worked	Non-Fatal Fatal accidents
H & D Coal Co. Strip Permit No. 1199-1 Strip Permit No. 1199-3 Total	Mercer Butler	-	-	66,679	-	66,679	-	-	66,679	300	7
		-	-	7,866	-	7,866	-	-	7,866	300	2
		-	-	74,545	-	74,545	-	-	74,545		9
Hawk Contracting, Inc. Strip Permit No. 1259-15 Highwall Mining Co. Strip Permit No. 1548-2 Strip Permit No. 1548-2A Total	Butler Butler Butler	-	-	28,762	-	28,762	-	-	28,762	117	9
		-	-	3,920	-	3,920	-	-	3,920	59	4
		-	-	3,919	-	3,919	-	-	3,919	59	
		-	-	7,839	-	7,839	-	-	7,839		4
Kerry Coal Co. Strip Permit No. 41-44 King Coal Co. Strip Permit No. 1566-1 Large Coal Co., Inc. Strip Permit No. 1606-1 Lineal Industries, Inc., Energy Div. Strip Permit No. 1253-3 Lucas Coal Co. Strip Permit No. 174-12 Strip Permit No. 174-13 Total	Butler Butler Butler Butler Butler Butler	-	-	13,221	-	13,221	-	-	13,221	96	3
		8,225	-	8,670	-	16,895	-	-	16,895	244	4
		-	-	7,300	-	7,300	-	-	7,300	51	6
		-	-	3,282	-	3,282	-	-	3,282	179	8
		-	-	9,540	-	9,540	-	-	9,540	50	12
		-	-	26,100	-	26,100	-	-	26,100	50	
		-	-	35,640	-	35,640	-	-	35,640		
Lucas Coal Co., Inc. Strip Permit No. 1680-2 Strip Permit No. 1680-3 Total	Butler Butler	-	-	76,897	-	76,897	-	-	76,897	247	12
		-	-	94,860	-	94,860	-	-	94,860	247	11
		-	-	171,757	-	171,757	-	-	171,757		23
Miller & McKnight Coal Co., Inc. Strip Permit No. 240-17 Strip Permit No. 240-19 Total	Butler Butler	1,200	-	38,209	-	39,409	-	-	39,409	276	11
		-	-	14,918	-	14,918	-	-	14,918	30	2
		1,200	-	53,127	-	54,327	-	-	54,327		13
Nastasi Coal Co. Strip Permit No. 645-4 Perry Brothers Coal Co. Strip Permit No. 72-12 Strip Permit No. 72-16 Strip Permit No. 72-17 Total	Butler Mercer Mercer Mercer	-	-	11,560	-	11,560	-	-	11,560	194	8
		-	-	18,627	-	18,627	-	-	18,627	105	9
		-	-	22,100	-	22,100	-	-	22,100	259	7
		-	-	68,818	-	68,818	-	-	68,818	192	*
		-	-	109,545	-	109,545	-	-	109,545		16
		-	-		-		-	-			2

District 30

		Production of Coal & Coke - Net Tons											
		Shipped to Market			Coal Used			Total					
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	tion of Coal	Produc- tion of Coke	age of Em- ployes	Aver- age Days Worked	Fatal acci- dents	Non- fatal	
Operators and Mines		County											
S.F.P. Coal Co.													
Strip Permit No. 147-6	Butler	-	-	2,655	-	-	-	2,655	-	91	18)	-	-
Strip Permit No. 147-7	Butler	-	-	30,689	-	-	-	30,689	-	207)	-	-
Total		-	-	33,344	-	-	-	33,344	-	18	-	-	-
S & C Pipeline Co.													
Strip Permit No. 1291-2	Mercer	-	-	632	-	-	-	632	-	240)	3	-	-
Strip Permit No. 1291-4 & 4A	Mercer	-	-	3,850	-	-	-	2,850	-	)	2	-	2
Strip Permit No. 1291-5	Mercer	-	-	1,004	-	-	-	1,004	-	)	4	-	-
Total		-	-	4,486	-	-	-	4,486	-	9	-	-	2
Sechan Limestone Industries, Inc.													
Strip Permit No. 588-6	Butler	-	-	11,913	-	-	-	11,913	-	54	3	-	-
Strip Permit No. 1671-1	Butler	-	-	2,428	-	-	-	2,428	-	98	2	-	-
Sunbeam Coal Corp.													
Strip Permit No. 179-20A	Butler	45,941	-	-	-	-	-	45,941	-	171	26)	-	-
Strip Permit No. 179-31	Butler	59,699	-	-	-	-	-	59,699	-	189)	-	-
Strip Permit No. 179-31A & 32	Butler	48,925	-	-	-	-	-	48,925	-	157	26	-	-
Total		154,565	-	-	-	-	-	154,565	-			-	-
Tiche Limestone & Construction Co.													
Strip Permit No. 207-1	Butler	-	-	-	16	-	-	16	-	40)(b)	1)	-	-
Strip Permit No. 207-2	Butler	-	-	-	941	-	-	941	-)	-	-	-
Total		-	-	-	957	-	-	957	-	1	-	-	-
West Freedom Mining Corp.													
Strip Permit No. 68-27	Butler	-	-	8,285	-	-	-	8,285	-	289	2	-	-
Strip Permit No. 68-31	Butler	15,409	-	52,685	-	-	-	68,094	-	290	7	-	-
Strip Permit No. 68-32	Butler	5,713	-	13,637	-	-	-	19,350	-	196	8	-	-
Strip Permit No. 68-34	Butler	-	-	12,520	-	-	-	12,520	-	290	2	-	-
Strip Permit No. 68-35	Butler	12,594	-	8,033	-	-	-	20,627	-	163	9	-	-
Strip Permit No. 68-36	Butler	17,768	-	5,888	-	-	-	23,656	-	189	10	-	-
Total		51,484	-	101,048	-	-	-	152,532	-	38	-	-	-
Western Hickory Coal Co., Inc.													
Strip Permit No. 152-11	Butler	-	-	26,934	-	-	-	26,934	-	294	11)	-	-
Strip Permit No. 152-12	Butler	-	-	16,746	-	-	-	16,746	-	109)	-	-
Total		-	-	43,680	-	-	-	43,680	-	11	-	-	3

District 30

Operators and Mines	County	Production of Coal & Coke - Net Tons										Fatal acci- dents	Non-fatal acci- dents
		Shipped to Market			Coal Used		Total Production of Coal	Total Production of Coke			Aver- age Days of Worked		
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke		No. of Em- ployes					
Willowbrook Mining Co.													
Strip Permit No. 130-6	Mercer	87,342	-	32,605	-	-	119,947	-	204	9	-	-	-
Strip Permit No. 130-8	Mercer	38,584	-	6,008	-	-	44,592	-	103	-	-	-	-
Total		125,926	-	38,613	-	-	164,539	-	9	-	-	-	-
Wright, Inc., Grant R.													
Strip Permit No. 117-3A3	Butler	-	-	47,308	-	-	47,308	-	298	12	-	-	-
Yates Brothers Coal Co.													
Strip Permit No. 1351-4	Butler	9,848	-	3,204	-	-	13,052	-	137	5	-	-	-
District Total		605,179	-	1,124,601	1,017	-	1,730,797	-	243	379	-	-	39

NOTE: (a) By contractor.

* Employees included with those at other operations, same company.

District 31

Ambrosia Coal & Construction Co.										
Strip Permit No. 103-4	Lawrence	-	-	50,571	-	-	50,571	-	265	7
Strip Permit No. 103-5	Lawrence	-	-	74,967	-	-	74,967	-	305	7
Strip Permit No. 103-13	Lawrence	-	-	109,164	-	-	109,164	-	305	7
Strip Permit No. 103-14	Lawrence	-	-	3,507	-	-	3,507	-	40	*
Strip Permit No. 103-16	Lawrence	-	-	26,220	-	-	26,220	-	175	-
Total		-	-	264,429	-	-	264,429	-	27	-
Brush Run, Inc.										
Strip Permit No. 1393-1	Beaver	-	-	-	20,560	-	20,560	-	308	3
Carlson Mining										
Strip Permit No. 487-2A7	Lawrence	-	-	34,160	-	-	34,160	-	307	14
Auger - BAM-396	Lawrence	-	-	2,998	-	-	2,998	-	37	3
Total		-	-	37,158	-	-	37,158	-	17	-
Darlington Brick & Clay Products Co.										
Strip Permit No. 336-4	Beaver	-	-	10,298	127	-	10,425	-	320	7
Davis Brothers Coal Co.										
Strip Permit No. 1607-1	Beaver	-	-	1,079	-	-	1,079	-	45	3
Eckenrode Coal Co.										
Strip Permit No. 1411-2	Beaver	-	-	12,077	-	-	12,077	-	83	2
Strip Permit No. 1411-3	Lawrence	-	-	10,249	-	-	10,249	-	179	2

District 31

Operators and Mines	County	Production of Coal & Coke - Net Tons										Non-fatal accidents	Fatal accidents
		Shipped to Market					Total Production of Coal						
		By Rail	By Water	By Truck	For Domestic Purposes	Locally for Manufacture of Coke	Used in	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees		
Eckenrode Coal Co. (continued)													
Total													
General Mines, Inc.													
Strip Permit No. 1710-1(a)	Beaver	-	-	22,326	-	-	-	22,326	-	-	4	-	-
Kelly Mining Co.													
Strip Permit No. 521-2	Beaver	-	-	9,658	-	-	-	9,658	-	-	262	4	-
Strip Permit No. 521-2A2	Beaver	-	-	6,383	-	-	-	6,383	-	-	24	-	-
Total													
Kerry Coal Co.													
Strip Permit No. 41-33	Lawrence	56,040	-	907	-	-	-	56,947	-	-	227	8	-
Strip Permit No. 41-36	Lawrence	69,771	-	-	-	-	-	69,771	-	-	298	4	-
Strip Permit No. 41-37	Lawrence	-	-	-	2,246	-	-	2,246	-	-	50	*	-
Strip Permit No. 41-40	Lawrence	-	-	9,917	-	-	-	9,917	-	-	75	*	-
Strip Permit No. 41-42	Beaver	62,000	-	766	-	-	-	62,766	-	-	294	7	-
Strip Permit No. 41-43	Lawrence	14,093	-	-	14,094	-	-	28,187	-	-	199	2	-
Auger-BAM-729	Lawrence	-	-	26,137	-	-	-	26,137	-	-	133	3	-
Auger-BAM-774	Beaver	-	-	7,944	-	-	-	7,944	-	-	63	2	-
Total													
Medusa Cement Co.													
Strip Permit No. 360-1	Lawrence	-	-	-	18,960	-	-	18,960	-	-	231	5	-
Miller & McKnight Coal Co., Inc.													
Strip Permit No. 240-18	Lawrence	-	-	52,361	-	-	-	52,361	-	-	285	4	-
Mineo Coal Co., Samuel													
Strip Permit No. 1618-1(a)	Lawrence	-	-	1,227	-	-	-	1,227	-	-	58	3	-
Perry Brothers Coal Co.													
Strip Permit No. 72-15	Lawrence	-	-	43,753	-	-	-	43,753	-	-	287	6	1
Pittsburgh Refractories, Inc.													
Strip Permit No. 495-2	Lawrence	-	-	6,177	-	-	-	6,177	-	-	239	2	-
Thompson Mining Co.													
Strip Permit No. 523-1	Lawrence	-	-	64,055	-	-	-	64,055	-	-	364	7	-
Veon, Inc., Ralph A.													
Strip Permit No. 40-9	Lawrence	-	-	14,770	-	-	-	14,770	-	-	300	11	-
Strip Permit No. 40-10(b)	Lawrence	-	-	-	-	-	-	-	-	-	60	*	-
Strip Permit No. 40-16	Lawrence	-	-	22,859	200	-	-	23,059	-	-	300	10	-
Strip Permit No. 40-17	Lawrence	-	-	25,485	-	-	-	25,485	-	-	300	8	-
Strip Permit No. 40-19	Lawrence	-	-	2,814	-	-	-	2,814	-	-	60	*	-
Strip Permit No. 40-20	Lawrence	-	-	27,908	-	-	-	27,908	-	-	250	6	-
Total													
		-	-	93,836	200	-	-	94,036	-	-	35	6	-

District 31

Production of Coal & Coke - Net Tons									
County	Shipped to Market			Coal Used		Total Production of Coal	Total Production of Coke	Average age of Days Worked	Non-Fatal Fatal accidents
	By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke				
Beaver	-	-	35,200	-	-	35,200	-	290	7
Beaver	-	-	20,759	-	-	20,759	-	65	10
District Total	199,904	-	728,727	56,187	-	984,818	-	256	174
7									

NOTE: (a) Information taken from monthly reports as no Annual Report was submitted.

(b) Closed in 1977.

* Men included with those at other operations, same company.

District 32

Apollo Corp., The	Washington	-	10,092	-	-	10,092	-	192	6	-
Strip Permit No. 1115-5 SP400										
Bologna Mining Co.	Washington	-	-	-	-	-	-	32	*	-
Strip Permit No. 248-12								28	*	-
Strip Permit No. 248-17	Washington	-	-	-	-	-	-	260	16	-
Strip Permit No. 248-19	Washington	-	100,895	-	-	100,895	-	217	8	-
Strip Permit No. 248-22	Washington	-	42,879	-	-	42,879	-	177	4	-
Strip Permit No. 248-23	Washington	-	13,504	-	-	13,504	-	46	*	-
Strip Permit No. 248-33	Washington	-	13,540	-	-	13,540	-	46	7	-
Strip Permit No. 248-34	Washington	-	11,628	-	-	11,628	-	77	5	-
Strip Permit No. 25	Washington	-	9,058	-	-	9,058	-	113	*	-
Special Project No. 381	Washington	-	9,311	-	-	9,311	-	40	-	-
Total		-	200,815	-	-	200,815	-	142	2	-
C & M Coal Co.	Washington	-	2,609	30	-	2,639	-	160	2	-
Strip Permit No. 1458-1										
Casey Contracting Co., R.W.	Washington	-	8,280	-	-	8,280	-	117	4	-
Special Project No. 269										
DMB Services										
Strip Permit No. 1346-1	Washington	-	-	11,293	-	11,293	-			-

District 32

Production of Coal & Coke - Net Tons												
	County	Shipped to Market		Coal Used		Locally for Domestic Purposes of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	Fatal accidents	Non-fatal accidents	
		By Rail	By Water	By Truck	Locally for							
Operators and Mines												
Pennveir Construction Co.	Washington	-	-	86,014	-	-	86,014	-	231	47	-	
Strip Permit No. 173-19	Washington	-	-	11,873	-	-	11,873	-	-	-	-	
Strip Permit No. 173-20	Washington	-	-	37,104	-	-	37,104	-	-	-	-	
Strip Permit No. 173-21	Washington	-	-	134,991	-	-	134,991	-	-	47	-	
Total												
Petricca Coal Co.	Washington	-	-	5,245	-	-	5,245	-	213	1	-	
Strip Permit No. 480-1	Washington	-	-	5,245	-	-	5,245	-	213	1	-	
Protz Brothers Coal Co.	Washington	-	-	2,050	-	-	2,050	-	154	2	-	
Strip Permit No. 469-1 & 1A	Washington	-	-	2,050	-	-	2,050	-	154	2	-	
Simpson, Robert L.	Washington	-	-	2,120	-	-	2,120	-	189	4	-	
Special Project No. 189	Washington	-	-	2,120	-	-	2,120	-	189	4	-	
Stefkovich Brothers, Inc.	Washington	-	-	20,564	116	-	20,680	-	256	5	-	
Strip Permit No. 140-2	Washington	-	-	20,564	116	-	20,680	-	256	5	-	
Teer Co., Nello L.	Washington	-	-	7,029	-	-	7,029	-	132	6	-	
Strip Permit No. 1231-7	Washington	-	-	7,029	-	-	7,029	-	132	6	-	
Strip Permit No. 1231-8	Washington	-	-	7,029	-	-	7,029	-	132	6	-	
Total												
Twilight Industries	Washington	-	-	14,058	-	-	14,058	-	12	12	-	
Strip Permit No. 1-69	Washington	-	-	14,058	-	-	14,058	-	12	12	-	
Strip Permit No. 1-86	Washington	-	-	3,065	-	-	3,065	-	20	3	-	
Total												
District Total		-	14,465	1,233,947	23,226	-	1,271,638	-	213	274	-	

NOTE: (a) Information taken from Monthly Reports as no Annual Report was submitted.

* Employees included with those at other operations, same company.

District 32A

Britton, James W.	Washington	-	-	-	2,400	-	-	2,400	-	-	97	3
Strip Permit No. 1374-1	Washington	-	-	-	2,400	-	-	2,400	-	-	97	3
Ettna Equipment & Supply Co., Inc.	Washington	-	-	88,644	-	-	-	88,644	-	-	259	2
Strip Permit No. 634-4	Washington	-	-	88,644	-	-	-	88,644	-	-	259	2
Strip Permit No. 634-6	Washington	-	-	27,779	-	-	-	27,779	-	-	152	7
Strip Permit No. 634-7	Washington	-	-	28,630	-	-	-	28,630	-	-	152	15
Total		-	-	145,053	-	-	-	145,053	-	-	24	-

District 32A

	County	Production of Coal & Coke - Net Tons											Non-fatal accidents
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coal		Average Days of Work		Fatal accidents	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	Used in	Produc- tion of Coal	Produc- tion of Coal	age	No. of Work- ing men		
Operators and Mines													
Friend Construction Co., H.J.	Washington	-	-	6,329	-	-	-	6,329	-	42	3	-	
Strip Permit No. 1155-2													
Garden Coal Co.	Washington	-	-	559	-	-	-	559	-	154	2	-	
Special Project No. 422													
I.S.C., Inc.	Washington	-	-	25,449	-	-	-	25,449	-	225	7	-	
Strip Permit No. 1107-1												1	
K.E.S. Enterprises, Inc.	Washington	-	-	10,598	-	-	-	10,598	-	57	7	-	
Strip Permit No. 1139-1													
Strip Permit No. 1139-3	Washington	-	-	20,149	-	-	-	20,149	-	171	7	-	
Total		-	-	30,747	-	-	-	30,747	-	7	-	-	
Nardei Contracting Co., Inc.	Washington	-	-	-	-	-	-	-	-	53	2	-	
Strip Permit No. 590-12(a)													
Penn Sherman Corp.	Washington	-	-	-	-	-	-	-	-	31	3	-	
Strip Permit No. 1134-1(a)													
Penn-United Energies, Inc.	Washington	-	-	28,606	-	-	-	28,606	-	247	13	-	
Strip Permit No. 1326-1													
Strip Permit No. 1419-1	Washington	-	-	31,541	-	-	-	31,541	-	247	14	-	
Total		-	-	60,147	-	-	-	60,147	-	27	-	3	
Rostovsky Coal Co., Joseph	Washington	-	-	-	-	-	-	-	-	9	3	-	
Strip Permit No. 334-4													
Strip Permit No. 334-5	Washington	-	-	17,350	-	-	-	17,350	-	168	3	-	
Total		-	-	17,350	-	-	-	17,350	-	3	-	-	
Steam System Sales & Service, Inc.	Washington	-	-	65,349	-	-	-	65,349	-	214	6	-	
Strip Permit No. 1138-1													
Solomon & Teslovich, Inc.	Washington	-	16,533	-	-	-	-	16,533	-	120	17	-	
Strip Permit No. 1653-1													
Teer Co., Nello L.	Washington	-	-	6,678	-	-	-	6,678	-	132	8	-	
Strip Permit No. 1231-1												2	
Strip Permit No. 1231-2	Washington	-	-	6,678	-	-	-	6,678	-	132	8	-	
Strip Permit No. 1231-4													
Strip Permit No. 1231-5	Washington	-	-	6,678	-	-	-	6,678	-	132	7	-	
Total		-	-	26,712	-	-	-	26,712	-	29	6	-	
Tremont Mining Co.	Washington	-	-	-	-	-	-	-	-	171	2	-	
Strip Permit No. 557-1(b)													

District 32A

		County	Production of Coal & Coke - Net Tons									
			Shipped to Market		Locally Used in		Total Production of Coal		Total Production of Coke		Aver- age Days Worked	
			By Rail	By Water	By Truck	Domestic Purposes	for Manufacture of Coke	of Coal	of Coke	of Coke	Days	Non-fatal acci- dents
Operators and Mines												
Twilight Industries												
Strip Permit No. 1-66	Washington		-	-	10,932	-	-	10,932	-	-	65	*
Strip Permit No. 1-67	Washington		-	-	38,756	-	-	38,756	-	-	64	9
Strip Permit No. 1-71	Washington		-	-	42,586	-	-	42,586	-	-	104	8
Strip Permit No. 1-76	Washington		-	-	42,154	-	-	42,154	-	-	221	7
Strip Permit No. 1-77	Washington		-	-	83,660	-	-	83,660	-	-	214	11
Total			-	-	218,088	-	-	218,088	-	-	35	-
Tyhasas Coal Co.												
Strip Permit No. 538-5	Washington		-	-	15,722	-	-	15,722	-	-	129	4
Westmont Coal Co., Inc.												
Strip Permit No. 1775-1	Washington		-	30,835	-	-	-	30,835	-	-	30	18
District Total			-	47,368	611,505	2,400	-	661,273	-	-	153	192

NOTE: (a) Backfilling.

(b) Permanently closed September 16, 1977.

* Men included with those at other operations, same company.

District 32B

A. & H. Coal Co., Inc.												
Strip Permit No. 1361-1	Greene		-	30,892	-	-	-	30,892	-	-	256	10
Strip Permit No. 1361-2	Greene		-	28,314	-	-	-	28,314	-	-	251	6
Strip Permit No. 1361-3	Greene		-	2,549	-	-	-	2,549	-	-	166	4
Strip Permit No. 1361-4	Greene		-	19,669	-	-	-	19,669	-	-	110	8
Strip Permit No. 1361-5	Greene		-	526	-	-	-	526	-	-	31	*
Strip Permit No. 1361-6	Greene		-	3,657	-	-	-	3,657	-	-	27	*
Total			-	85,607	-	-	-	85,607	-	-	28	-
B.L.F. Corp.												
Strip Permit No. 966-2 & 3(a)	Greene		-	49,650	-	-	-	49,650	-	-	52	6
Strip Permit No. 966-4 (a)	Greene		-	45,790	-	-	-	45,790	-	-	50	8
Total			-	95,440	-	-	-	95,440	-	-	14	-

District 32B

	County	Production of Coal & Coke - Net Tons										Non-
		Shipped to Market		Coal Used		Used in		Total		Aver-		
		By Rail	By Water	By Truck	for Domestic Purposes	Manu- facture of Coke	Manu- facture of Coke	Production of Coal	Production of Coke	Days Worked	No. of Em- ployes	Fatal acci- dents
Operators and Mines												
C & J Coal Co.	Greene	-	-	9,600	-	-	-	9,600	-	220	2	-
Strip Permit No. 1621-1												
Chess Coal Co.	Greene	-	3,397	-	-	-	-	3,397	-	119	3	-
Strip Permit No. 576-3												
Dragan & Son	Greene	-	5,588	1,241	-	-	-	6,829	-	65	3	-
Strip Permit No. 1522-2	Greene	-	-	-	-	-	-	-	-	21	-	-
Strip Permit No. 1522-2A	Greene	-	5,588	1,241	-	-	-	6,829	-	-	3	-
Total												
Energy Resource Corp. of America	Greene	-	-	54,920	-	-	-	54,920	-	224	4	-
Strip Permit No. 1242-2	Greene	-	-	63,497	-	-	-	63,497	-	224	6	-
Strip Permit No. 1242-3	Greene	-	-	118,417	-	-	-	118,417	-	-	10	-
Total												
Ford & Gaskill	Greene	-	-	4,932	-	-	-	4,932	-	53	7	-
Strip Permit No. 139-3	Greene	-	-	10,023	-	-	-	10,023	-	73	-	-
Strip Permit No. 139-4	Greene	-	-	7,666	-	-	-	7,666	-	46	-	-
Strip Permit No. 139-6	Greene	-	-	22,621	-	-	-	22,621	-	7	-	-
Total												
Genovese Coal Co.	Greene	-	-	545	-	-	-	545	-	157	2	-
Strip Permit No. 244-20												
Gregory & Sons, Inc., F.E.	Greene	-	-	1,900	-	-	-	1,900	-	42	2	-
Strip Permit No. 1330-1(b)	Greene	-	-	-	-	-	-	-	-	-	-	-
Jordan Coal Co.	Greene	-	-	1,100	-	-	-	1,100	-	40	1	-
Strip Permit No. 664-4	Greene	-	-	-	-	-	-	-	-	-	-	-
Kelley Enterprises, Inc.	Greene	-	-	27,015	-	-	-	27,015	-	274	21	-
Strip Permit No. 623-3	Greene	-	-	-	-	-	-	-	-	149	24	-
King Knob Coal Co., Inc.	Greene	-	-	67,060	-	-	-	67,060	-	60	6	-
Strip Permit No. 629-4	Greene	-	-	-	-	-	-	-	-	89	9	-
Lang Brothers, Inc.	Greene	-	-	2,507	-	-	-	2,507	-	89	-	-
Strip Permit No. 1745-1	Greene	-	-	14,451	-	-	-	14,451	-	74	-	-
Lawrence Coal Co.	Greene	-	-	16,046	-	-	-	16,046	-	80	-	-
Strip Permit No. 1063-1	Greene	-	-	34,596	-	-	-	34,596	-	22,198	9	-
Strip Permit No. 1063-2	Greene	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1063-3	Greene	-	-	22,198	-	-	-	22,198	-	-	-	-
Strip Permit No. 1063-4	Greene	-	-	87,291	-	-	-	87,291	-	-	-	-
Total												

District 32B

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total Production of Coal		Average age of Em-ployees	
		By Rail	By Water	By Truck	For Domestic Purposes	Locally	Manu-facture of Coke	Production of Coal	Total Production of Coke	Days Worked	Fatal acci-dents
Leeland Development											
Strip Permit No. 1604-1	Greene	-	-	9,549	-	-	-	9,549	-	100	3
Nardei Contracting Co., Inc.											
Strip Permit No. 1359-1A3	Greene	-	43,984	-	-	-	-	43,984	-	230	27
Strip Permit No. 1359-4	Greene	-	122,729	-	-	-	-	122,729	-	209	1
Total		-	166,713	-	-	-	-	166,713	-	27	2
Omi Energy Corp.											
Strip Permit No. 1391-1	Greene	-	37,426	-	-	-	-	37,426	-	264	5
Patterson Coal Co.											
Strip Permit No. 1614-1	Greene	-	-	4,597	-	-	-	4,597	-	60	3
R & S Coal Co.											
Strip Permit No. 1118-1	Greene	-	-	-	-	-	-	-	-	127	1
Rumble Coal, Jim											
Strip Permit No. 1091-1	Greene	-	-	3,184	-	-	-	3,184	-	88	3
Strip Permit No. 1091-2	Greene	-	-	587	-	-	-	587	-	84	-
Strip Permit No. 1091-3	Greene	-	-	4,110	-	-	-	4,110	-	70	-
Special Project No. 501	Greene	-	-	8,700	-	-	-	8,700	-	-	-
Total		-	-	16,581	-	-	-	16,581	-	3	-
Sperko Coal, Robert											
Strip Permit No. 1667-1	Greene	-	-	11,325	-	-	-	11,325	-	160	1
Twilight Industries											
Strip Permit No. 1-79	Greene	-	-	-	-	-	-	-	-	102	-
Strip Permit No. 1-83	Greene	-	-	23,505	-	-	-	23,505	-	62	8
Total		-	-	23,505	-	-	-	23,505	-	8	-
Zavek, Inc.											
Strip Permit No. 1213-2	Greene	-	-	19,973	-	-	-	19,973	-	58	7
Special Project No. 377	Greene	-	-	15,930	-	-	-	15,930	-	127	-
Total		-	-	35,903	-	-	-	35,903	-	7	-
District Total		-	394,171	440,757	-	-	-	834,928	-	182	190

NOTE: (a) Information taken from monthly reports as no Annual Report was submitted.

(b) Backfilling.

* Men included with those at other operations, same company.

District 33

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Average Days of Em-acci-	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Locally for Domestic Purposes	of Coal	of Coke	of Coke	age	No. Fatal acci-
Ann Mineral Co.	Fayette	-	-	-	38,268	-	38,268	-	211	30	-
Strip Permit No. 1404-4											
Baker Coal Co.	Fayette	-	-	6,359	-	-	6,359	-	78	5	-
Strip Permit No. 1645-1(a)											
Better Mining, Inc.	Fayette	-	-	9,692	-	-	9,692	-	174	12	-
Strip Permit No. 1220-3											
Bologna Mining Co.	Fayette	-	-	27,988	-	-	27,988	-	207	8	-
Strip Permit No. 248-24											
Strip Permit No. 329-11(b)	Fayette	-	-	849	-	-	849	-	125	4	-
Strip Permit No. 329-21(b)	Fayette	-	-	-	-	-	-	-	64	-	-
Total		-	-	28,837	-	-	28,837	-	12	-	-
Brant Coal Co., Inc.	Fayette	-	-	42,259	-	-	42,259	-	294	13	-
Strip Permit No. 194-9											
Buncie Coal Co.	Fayette	-	-	5,000	-	-	5,000	-	80	2	-
Strip Permit No. 636-6											
C & A Coal Co.	Fayette	-	-	13,170	-	-	13,170	-	180	7	-
Strip Permit No. 1122-2											
Strip Permit No. 1122-9	Fayette	-	-	2,600	-	-	2,600	-	-	-	-
Strip Permit No. 1122-10	Fayette	-	-	7,796	-	-	7,796	-	-	-	-
Total		-	-	23,566	-	-	23,566	-	7	-	-
Cavanaugh, Reid J.	Fayette	-	-	-	454	-	454	-	20	2	-
Special Project No. 493(a)											
Coal Energies, Ltd.	Fayette	-	-	24,299	-	-	24,299	-	254	5	-
Strip Permit No. 941-1 Refuse											
Coal Processing Equipment, Inc.	Fayette	-	-	1,275	-	-	1,275	-	14	2	-
Strip Permit No. 1386-1 Refuse											
Columbia Coal Co.	Fayette	-	-	40,569	-	-	40,569	-	276	13	-
Strip Permit No. 1626-1 & 3											
Strip Permit No. 1626-2	Fayette	-	-	3,069	-	-	3,069	-	24	-	-
Total		-	-	43,638	-	-	43,638	-	15	-	-
DiCenzo & Guteri	Fayette	-	-	1,956	-	-	1,956	-	5	3	-
Strip Permit No. 1130-1 Refuse(a)											
Dunn & Copetas Co.	Fayette	-	-	15,624	4,895	-	20,519	-	150	10	-
Strip Permit No. 1669-1											
Eidemiller Inc., Adam	Fayette	-	-	-	-	-	-	-	83	-	-
Strip Permit No. 578-22											
Strip Permit No. 578-37	Fayette	-	-	56,323	-	-	56,323	-	129	33	-
Total		-	-	56,323	-	-	56,323	-	33	-	-

District 33

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in Manu- facture of Coke		Total Produc- tion of Coal		Average Days of Em- ployed	
		By Rail	By Truck	Locally for Purposes	Coal	Domestic of Coke		Total of Coal	Produc- tion	No. of Em- ployed	Fatal fatal acci- dents
Emerald Energy Enterprises, Inc.	Fayette	-	8,320	-	-	-	-	8,320	-	82	7
Strip Permit No. 1387-1(a)	Fayette	-	1,846	-	-	-	-	1,846	-	173	2
Genovese Coal Co.	Fayette	-	2,805	-	-	-	-	2,805	-	113	2
Strip Permit No. 244-23	Fayette	-	4,651	-	-	-	-	4,651	-	-	-
Strip Permit No. 244-30	Fayette	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-
Goodwin, Wilbur S.	Fayette	-	1,064	-	-	-	-	1,064	-	32	1
Special Project No. 526	Fayette	-	11,817	-	-	-	-	11,817	-	146	4
Golden Flame Fuel Co.	Fayette	-	33,360	-	-	-	-	33,360	-	51	5
Strip Permit No. 1141-5	Fayette	-	-	6,578	-	-	-	6,578	-	232	6
Grambay Coal Co., Inc.	Fayette	-	48,081	-	-	-	-	48,081	-	170	15
Strip Permit No. 1769-1	Fayette	-	800	-	-	-	-	800	-	20	-
Hatalovich, George & William	Fayette	-	-	-	-	-	-	-	-	43	2
Strip Permit No. 1569-1(a)	Fayette	-	-	-	-	-	-	-	-	-	-
Henry Coal Co.	Fayette	-	800	-	-	-	-	800	-	2	-
Strip Permit Nos. 1239-1 & 2	Fayette	-	-	-	-	-	-	-	-	-	-
Hibbs & Myers Coal Co.	Fayette	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 833-3	Fayette	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 833-5	Fayette	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-
Hill, William L.	Fayette	-	-	495	-	-	-	495	-	31	2
Strip Permit No. 457-1	Fayette	-	4,141	1,000	-	-	-	5,141	-	157	-
Strip Permit No. 457-2	Fayette	-	4,141	1,495	-	-	-	5,636	-	-	-
Total		-	-	-	-	-	-	-	-	-	-
Horwath Coal Co.	Fayette	-	6,821	-	-	-	-	6,821	-	114	1
Special Project No. 494	Fayette	-	40,327	-	-	-	-	40,327	-	244	4
Hughes, Sherwood	Fayette	-	8,168	-	-	-	-	8,168	-	123	2
Strip Permit No. 1395-1	Fayette	-	38,165	-	-	-	-	38,165	-	298	8
J & B Coal Co.	Fayette	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1688-1	Fayette	-	-	-	-	-	-	-	-	-	-
Jebco Coal Co., Inc.	Fayette	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1219-2	Fayette	-	-	-	-	-	-	-	-	-	-
Jem Enterprises, Inc.	Fayette	-	855	-	-	-	-	855	-	55	2
Special Project No. 487	Fayette	-	6,896	-	-	-	-	6,896	-	246	9
Kaiser Refractories	Fayette	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 390-1(a)	Fayette	-	-	-	-	-	-	-	-	-	-

District 33

	Production of Coal & Coke - Net Tons										Non-
	Shipped to Market			Coal Used		Total Production of Coal		Total Production of Coke		Fatal fatal acci-	
	By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	Locally for Domestic Purposes	Used in Manufacture of Coke	Production of Coal	Production of Coke		Age No. of Worked	Deaths
Operators and Mines											
Kelley Enterprises, Inc.	-	-	11,538	-	-	-	-	11,538	-	154	2
Special Project No. 434	-	-	-	-	-	-	-	-	-	70	2
Kuhar, Mike	-	-	-	-	-	-	-	-	-	60	3
Kutsenkow, George	-	-	-	-	-	-	-	-	-	283	23
Strip Permit No. 412-6(c)	-	-	91,616	-	-	-	-	91,616	-	70	4
Laurel Ridge Coal, Inc.	-	-	-	-	-	-	-	-	-	294	45
Strip Permit No. 1337-3	-	-	-	-	-	-	-	-	-	203	6
Lawrence Coal Co.	-	-	-	-	-	-	-	-	-	307	2
Strip Permit No. 1063-5(a)	-	-	23,950	-	-	-	-	23,950	-	8	-
Marsolino Coal & Coke, Inc.	-	-	-	-	-	-	-	-	-	120	3
Strip Permit No. 71-25	119,061	119,881	-	-	-	-	-	238,942	-	119	1
Menallen Coke Co.	-	-	-	-	-	-	-	-	-	106	2
Strip Permit No. 281-7	34,510	-	-	-	-	-	-	34,510	-	6	-
Minor, Jr. Walter	-	-	3,749	-	-	-	-	3,749	-	2	-
Special Project No. 97	-	-	-	-	-	-	-	-	-	8	-
Nicholson & Shepler	-	-	4,953	-	-	-	-	4,953	-	3	-
Strip Permit No. 1459-1	-	-	-	-	-	-	-	-	-	119	1
Oak Run Coal, Inc.	-	-	3,367	-	-	-	-	3,367	-	2	-
Strip Permit No. 863-1,2,3	-	-	8,130	-	-	-	-	8,130	-	6	-
Strip Permit No. 863-7	-	-	18,053	-	-	-	-	18,053	-	2	-
Strip Permit No. 863-8	-	-	29,550	-	-	-	-	29,550	-	6	-
Total	-	-	-	-	-	-	-	-	-	-	-
Oberlechner, Steve	-	-	13,379	-	-	-	-	13,379	-	288	2
Strip Permit No. 1209-2	-	-	-	-	-	-	-	-	-	87	2
Purco Coal, Inc.	-	-	6,841	-	-	-	-	6,841	-	117	3
Strip Permit No. 413-8	-	-	20,757	-	-	-	-	20,757	-	219	4
Strip Permit No. 413-9	-	-	23,747	-	-	-	-	23,747	-	266	6
Strip Permit No. 413-11	-	-	40,018	-	-	-	-	40,018	-	15	*
Strip Permit No. 413-12	-	-	1,080	-	-	-	-	1,080	-	184	2
Strip Permit No. 413-13	-	-	11,101	-	-	-	-	11,101	-	115	4
Strip Permit No. 413-14	-	-	19,375	-	-	-	-	19,375	-	50	3
Strip Permit No. 413-15	-	-	9,835	-	-	-	-	9,835	-	40	-
Auger-BAM-763	-	-	3,560	-	-	-	-	3,560	-	24	-
Auger-BAM-815	-	-	136,314	-	-	-	-	136,314	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

District 33

	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Locally for		Coal Used		Used in Manu-		Total Production of Coal of Coke	
		By Rail	By Water	By Truck	Domestic Purposes			facture of Coke		Total Production of Coal of Coke	Average Days Worked
Robbie Coal & Fuel, Inc.	Fayette	-	-	5,302	-	-	-	-	-	5,302	91
Special Project No. 419	Fayette	-	-	1,409	-	-	-	-	-	1,409	57
Rondell Co., The	Fayette	-	-	3,000	-	-	-	-	-	3,000	182
Special Project No. 482	Fayette	-	-	15,861	-	-	-	-	-	15,861	211
Rose Coal Co., John C.	Fayette	-	-	15,736	-	-	-	-	-	15,736	22
Strip Permit No. 1066-1	Fayette	-	35,917	-	-	-	-	-	-	35,917	223
Ruane Coal & Coke Co.	Fayette	-	83,913	-	-	-	-	-	-	83,913	235
Strip Permit No. 78-4 & 5	Fayette	-	119,830	-	-	-	-	-	-	119,830	23
Sang Coal Co.	Fayette	-	-	16,510	-	-	-	-	-	16,510	175
Strip Permit No. 552-5	Fayette	-	-	6,052	-	-	-	-	-	6,052	69
Solomon & Teslovich	Fayette	-	-	20,128	-	-	-	-	-	20,128	136
Strip Permit No. 628-4 & 9	Fayette	-	-	22,502	-	-	-	-	-	22,502	167
Strip Permit No. 628-12	Fayette	-	-	1,185	-	-	-	-	-	1,185	25
TeDesco, William K.	Fayette	-	-	49,867	-	-	-	-	-	49,867	11
Strip Permit No. 329-21	Fayette	-	-	858,713	51,690	-	-	-	-	1,341,850	198
West Penn Coal & Construction Co.	Fayette	-	-	-	-	-	-	-	-	-	406
Strip Permit No. 581-13 & 14	Fayette	-	-	-	-	-	-	-	-	-	3
Strip Permit No. 581-15	Fayette	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 628-13(d)	Fayette	-	-	-	-	-	-	-	-	-	-
Special Project No. 527	Fayette	-	-	-	-	-	-	-	-	-	-
Total		153,571	277,876	858,713	51,690	-	-	-	-	1,341,850	198
District Total						-	-	-	-	-	406
Total						-	-	-	-	-	3

NOTE: (a) Information taken from monthly reports as no Annual Report was submitted.

(b) Contract stripping for William K. TeDesco.

(c) Backfilling.

(d) Contract stripping for Solomon and Teslovich.

* Men included with those at other operations, same company.

District 33A

Operators and Mines	County	Production of Coal & Coke - Net Tons										Non-fatal accidents
		Shipped to Market					Total Production of Coal					
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Coal Used for Manufacture of Coke	Total Production of Coal	Age of Coke	Average Days of Worked	No. of Employees	Fatal accidents	
Adams Trucking Co., F.E.	Fayette	-	-	8,760	-	-	-	8,760	-	260	4	-
Strip Permit No. 1634-1	Fayette	-	-	2,501	-	-	-	2,501	-	82	1	-
Bartoni, John	Fayette	-	-	1,326	-	-	-	1,326	-	76	1	-
Special Permit No. 480(a)	Fayette	-	-	2,799	-	-	-	2,799	-	121	-	-
Bartoni, Rocco	Fayette	-	-	4,125	-	-	-	4,125	-	-	1	-
Strip Permit No. 1427-1	Fayette	-	-	4,574	-	-	-	4,574	-	123	1	-
Strip Permit No. 1427-2	Fayette	-	-	1,433	-	-	-	1,433	-	53	-	-
Total		-	-	6,007	-	-	-	6,007	-	-	1	-
Bortz Coal Co.	Fayette	-	-	25,641	-	-	-	25,641	-	181	4	-
Strip Permit No. 456-10	Fayette	-	-	5,482	-	-	-	5,482	-	139	4	-
Strip Permit No. 456-11	Fayette	-	-	2,945	-	-	-	2,945	-	23	*	-
Strip Permit No. 456-12	Fayette	-	-	34,068	-	-	-	34,068	-	-	8	-
Total		-	-	-	-	-	-	-	-	-	-	-
Brooks, Howard G.	Fayette	-	-	5,956	-	-	-	5,956	-	185	2	-
Strip Permit No. 1163-1	Fayette	-	-	1,216	-	-	-	1,216	-	35	2	-
Strip Permit No. 1163-2	Fayette	-	-	7,172	-	-	-	7,172	-	-	4	-
Total		-	-	-	-	-	-	-	-	-	-	-
Carbonara Coal Co.	Fayette	-	-	27,200	-	-	-	27,200	-	266	3	-
Strip Permit No. 550-10	Fayette	-	-	11,800	-	-	-	11,800	-	195	2	-
Strip Permit No. 550-14	Fayette	-	-	39,000	-	-	-	39,000	-	-	5	-
Total		-	-	-	-	-	-	-	-	-	-	-
Car Can Coal Co., Inc.	Fayette	-	-	230	-	-	-	230	-	75	1	-
Strip Permit No. 1732-1	Fayette	-	-	-	-	-	-	-	-	-	-	-
Chess Coal Co.	Fayette	-	-	12,570	-	-	-	12,570	-	237	6	-
Strip Permit No. 576-4	Fayette	-	-	5,667	-	-	-	5,667	-	67	9	-
Cicconi Coal Co.	Fayette	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1696-1	Fayette	-	-	-	-	150	-	150	-	16	1	-
Dvorchak, Edward A.	Fayette	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1409-1	Fayette	-	-	-	-	-	-	-	-	-	-	-
Eberhart Coal Co., Ray, Jr.	Fayette	-	-	4,999	-	-	-	4,999	-	65	3	-
Strip Permit No. 1689-1	Fayette	-	-	6,953	-	-	-	6,953	-	128	1	-
Special Project No. 423	Fayette	-	-	11,952	-	-	-	11,952	-	-	4	-
Total		-	-	-	-	-	-	-	-	-	-	-

District 33A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Coal		Total Production of Coal		Average Days of Worked	
		By Rail	By Water	By Truck	Domestic Purposes	Locally Used	Manu- facture of Coke	tion of Coal	of Coke	No. of Em- ployes	Fatal acci- dents
Fast, Ira W. Strip Permit No. 1398-1 Caggiani, Fred Strip Permit No. 1633-1 Strip Permit No. 1633-2 Total	Fayette	-	-	4,852	-	-	-	4,852	-	146	1
	Fayette	-	800	-	-	-	-	800	-	86	1
	Fayette	-	800	-	-	-	-	800	-	19	1
	Total	-	-	-	-	-	-	-	-	2	-
Genovese Coal Co. Strip Permit No. 244-18 Strip Permit No. 244-21 Strip Permit No. 244-25 Strip Permit No. 244-29 Total	Fayette	-	-	-	-	-	-	-	-	71	*
	Fayette	-	-	3,743	-	-	-	3,743	-	225	3
	Fayette	-	-	1,085	-	-	-	1,085	-	36	*
	Fayette	-	-	997	-	-	-	997	-	103	2
	Total	-	-	5,825	-	-	-	5,825	-	5	-
Grigas & Ryan Coal Co. Strip Permit No. 1385-1 Strip Permit No. 1385-2 Strip Permit No. 1385-4 Total	Fayette	-	-	250	-	-	-	250	-	18	*
	Fayette	-	-	20,959	-	-	-	20,959	-	203	7
	Fayette	-	-	11,446	-	-	-	11,446	-	56	3
	Total	-	-	32,655	-	-	-	32,655	-	10	-
Krulock, Steve Strip Permit No. 345-2 Laurita Trucking, Jerry Strip Permit No. 1288-1A Strip Permit No. 1288-2 Total	Fayette	-	-	-	450	-	-	450	-	62	1
	Fayette	-	-	1,430	-	-	-	1,430	-	51	2
	Fayette	-	-	200	-	-	-	200	-	25	1
	Total	-	-	1,630	-	-	-	1,630	-	3	-
Lavery, Elzie E. Strip Permit No. 1692-1 Luzerne Coal Corp. Strip Permit Nos. 750-6, 14, 15, 16, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 Marasolino Coal & Coke, Inc. Strip Permit No. 71-26 Medved Mining Co. Strip Permit No. 1709-1 Strip Permit No. 1709-2 Special Project No. 146 Total	Fayette	-	-	4,990	10	-	-	5,000	-	140	1
	Fayette	-	768,381	-	-	-	-	768,381	-	267	98
	Fayette	-	16,447	-	-	-	-	16,447	-	200	8
	Total	-	-	-	-	-	-	-	-	2	-
Strip Permit No. 1709-1 Strip Permit No. 1709-2 Special Project No. 146 Total	Fayette	-	2,916	-	-	-	-	2,916	-	54	2
	Fayette	-	1,414	-	-	-	-	1,414	-	24)
	Fayette	-	9,587	-	-	-	-	9,587	-	2	-
	Total	-	13,917	-	-	-	-	13,917	-	2	-

District 33A

County	Operators and Mines	Production of Coal & Coke - Net Tons									
		Shipped to Market		Locally Used in		Total Production		Total Production		Average	
		By Rail	By Water	By Truck	For Domestic Purposes	of Coal	of Coke	of Coal	of Coke	Days	No. of Fatal
										Worked	accidents
Fayette	Pennsylvania Mineral Co.	-	-	-	-	-	-	-	-	42	6
	Strip Permit No. 653-4(b)	-	-	-	-	-	-	-	-	-	-
	Pontorero & Sons Coal Co., Inc.	-	-	3,885	-	3,885	-	3,885	-	86	4
	Strip Permit No. 237-10(a)	-	-	23,850	-	23,850	-	23,850	-	90	7
	Strip Permit No. 237-12(a)	-	-	27,735	-	27,735	-	27,735	-	11	-
Total		-	-	-	-	-	-	-	-	-	-
Fayette	Puskar, John	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 424-1	-	-	-	630	630	-	630	-	173	1
	Richter Trucking Co.	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 1463-2	-	-	11,845	-	11,845	-	11,845	-	261	5
	Rondeil Co., The	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 511-14	-	-	1,020	-	1,020	-	1,020	-	136	3
	Rostovsky Coal Co., Joseph	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 334-8	-	-	250	-	250	-	250	-	14	3
	Ruane Arnold Coal Co.	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 589-1A3	-	-	11,964	-	11,964	-	11,964	-	238	4
Fayette	Strip Permit No. 589-2A5	-	-	-	-	3,809	-	3,809	-	175	3
	Strip Permit No. 589-3A3	-	-	19,439	-	19,439	-	19,439	-	265	5
	Strip Permit No. 589-4A	-	-	7,859	-	7,859	-	7,859	-	198	3
	Strip Permit No. 589-5	-	-	7,728	-	7,728	-	7,728	-	187	*
	Total	-	-	38,835	-	38,835	-	50,799	-	15	-
Fayette	S. D. S. Construction Co., Inc.	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 1530-1(2A)	-	-	21,456	-	21,456	-	21,456	-	112	11
	Strip Permit No. 1530-1(3A)	-	-	18,589	-	18,589	-	18,589	-	36	-
	Strip Permit No. 1530-2(A)	-	-	18,964	-	18,964	-	18,964	-	51	-
	Strip Permit No. 1530-3	-	-	33,646	-	33,646	-	33,646	-	79	-
Total		-	-	92,655	-	92,655	-	92,655	-	11	-
Fayette	Sager Coal Co.	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 1150-1(a)	-	-	-	-	-	-	-	-	86	2
	Snyder, Curtis	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 1581-1	-	-	7,329	-	7,329	-	7,329	-	196	3
	Soberdash Coal & Coke Co.	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 111-52	-	-	11,161	-	11,161	-	11,161	-	276	5
	Strip Permit No. 111-53 & 53A	-	-	11,061	-	11,061	-	11,061	-	283	-
Fayette	Strip Permit No. 111-56	-	-	1,985	-	1,985	-	1,985	-	143	-
	Total	-	-	24,207	-	24,207	-	24,207	-	5	-

District 33A

County	Production of Coal & Coke - Net Tons							Non-Fatal acci- dents
	Shipped to Market	By Rail	By Water	By Truck	Purposes of Coal	Total Production of Coal	Average Days Worked	
Operators and Mines								
Swenglish Coal Co.								
Strip Permit No. 1293-1	-	-	-	3,397	-	3,397	268	2
Villa Coal Co.								
Strip Permit No. 1549-1	-	-	-	1,200	-	1,200	72	2
Voithofer, Edward V., Jr.								
Strip Permit No. 1693-1	-	-	-	-	-	-	59	1
West Penn Coal & Construction Co.								
Strip Permit No. 581-11	-	-	-	6,160	-	6,160	88	8
District Total	-	897,279	309,667	2,440	-	1,209,386	204	254

NOTE: (a) Information taken from monthly reports as no Annual Report was submitted.

(b) Backfilling.

* Men included with those at other operations, same company.

District 34

Aloe Coal Co.,								
Strip Permit Nos. 35-2, 8, 9, 10, 12, 13, 14, 15	-	120,212	242,089	74	-	362,375	292	77
Ansell, Earl								
Strip Permit No. 288-1	-	-	-	3,519	-	3,519	146	2
Apex Co., Inc.								
Strip Permit No. 497-3(A3)	-	-	-	17,707	-	17,799	135	4
B&G Coal Co., Inc.								
Strip Permit No. 455-1	-	-	-	8,181	-	8,181	144	1
Bettors, Dominick J.								
Strip Permit No. 1681-1	-	-	-	225	-	225	6	1
Big Break Mining Co., Inc.								
Strip Permit No. 887-1	-	-	-	-	-	-	105	5
Strip Permit No. 887-2	-	-	-	12,150	-	12,150	126	-
Total	-	-	-	12,150	-	12,150	5	-

District 34

Production of Coal & Coke - Net Tons												
Shipped to Market			Coal Used		Total Production of Coal		Total Production of Coke		Average Days Worked		Non-Fatal accidents	
By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	of Coal	of Coke	age	No. of Employees	Fatal accidents			
Operators and Mines												
Bituminous Processing Co., Inc.												
400	-	2,180	-	-	2,580	-	123	6	-			
Bobnar, Paul												
-	-	6,696	-	-	6,696	-	60	2	-			
Brown Coal Co., Inc., C.W.												
-	-	11,679	-	-	11,679	-	100	3	-			
Coal Processing, Ltd.												
-	-	5,694	-	-	5,694	-	66	6	-			
Cratty, Gower & Hyde, Inc.												
-	-	9,442	-	-	9,442	-	286	8	-			
D.C. Industries, Inc.												
-	-	-	-	-	-	-	100	3	-			
Daset Mining Corp.												
-	-	7,816	-	-	7,816	-	232	3	-			
Deep Valley Coal Co.												
-	-	1,358	-	-	1,358	-	42	4	-			
-	-	8,306	-	-	8,306	-	105	4	-			
-	-	-	-	-	-	-	40	4	-			
-	-	-	-	-	-	-	9	4	-			
Total												
-	-	9,664	-	-	9,664	-	4	-	-			
Dependable Coal & Construction Co., Inc.												
-	-	17,748	-	-	17,748	-	209	4	-			
-	-	-	-	-	-	-	20	4	-			
-	-	17,748	-	-	17,748	-	4	-	-			
Total												
-	-	-	-	-	-	-	253	3	-			
Diamond Fuel Co.												
-	-	2,705	-	-	2,705	-	139	9	-			
Duquesne Slag Products Co.												
-	-	8,215	-	-	8,215	-	83	4	-			
-	-	-	-	-	-	-	4	4	-			
-	-	13,199	-	-	13,199	-	119	4	-			
-	-	1,726	-	-	1,726	-	20	4	-			
-	-	23,140	-	-	23,140	-	4	-	-			
Total												
-	-	-	-	-	-	-	45	*	-			
-	-	49,037	-	-	49,037	-	196	28	-			
Eidemiller, Inc., Adam												
-	-	-	-	-	-	-	-	-	-			
-	-	-	-	-	-	-	-	-	-			
-	-	-	-	-	-	-	-	-	-			

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production		Total Production		Non-Fatal	
		By Rail	By Water	Truck	By Domestic Purposes	Locally Manufactured	of Coal	of Coke	Days	of Em-	Fatal
										ployes	accidents
Eidemiller, Inc., Adam (continued)	Westmoreland	-	-	37,116	-	-	37,116	-	169	*	-
	Strip Permit No. 578-33	-	-	12,281	-	-	12,281	-	78	*	-
	Westmoreland	-	-	137,351	-	-	137,351	-	210	33	-
	Strip Permit No. 578-36	-	-	235,785	-	-	235,785	-	61	-	-
Total		-	-	-	-	-	-	-	-	-	-
Flore Coal Co., Fred	Allegheny	-	-	2,235	-	-	2,235	-	62	3	-
	Special Project No. 318	-	-	-	-	-	-	-	-	-	-
	Fleck, James F.	-	-	-	2,562	-	2,562	-	62	3	-
	Special Project No. 444	-	-	-	-	-	-	-	-	-	-
Gary John Associates	Westmoreland	-	-	44,992	-	-	44,992	-	250	6	-
	Strip Permit No. 1528-1	-	-	-	-	-	-	-	-	-	-
	Golden Flame Fuel Co.	-	-	38,183	-	-	38,183	-	248	9	1
	Strip Permit No. 1141-2	-	-	8,152	-	-	8,152	-	101	-	-
Gorr, Richard	Westmoreland	-	-	46,335	-	-	46,335	-	9	-	1
	Strip Permit No. 1141-4	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Gorr, Richard	Westmoreland	-	-	7,950	-	-	7,950	-	217	3	-
	Strip Permit No. 959-1 (A2)	-	-	1,602	-	-	1,602	-	26	3	-
	Auger-BAM-721	-	-	9,552	-	-	9,552	-	6	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Green, Inc., Walter	Westmoreland	-	-	41,171	-	-	41,171	-	244	4	-
	Strip Permit No. 250-10	-	-	-	-	-	-	-	-	-	-
	Holiday Constructors, Inc.	-	-	143,741	-	-	143,741	-	234	23	-
	Strip Permit No. 1216-4	-	-	35,462	-	-	35,462	-	148	10	-
Hydro-C Ltd.	Westmoreland	-	-	179,203	-	-	179,203	-	33	-	-
	Strip Permit No. 1216-5	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Johnston the Florist	Westmoreland	-	-	-	900	-	900	-	30	6	-
	Strip Permit No. 1610-1 Refuse	-	-	-	-	-	-	-	-	-	-
	Special Project No. 218	-	-	-	1,200	-	1,200	-	15	1	-
	Kendi & Sons, Inc., Paul W.	-	-	-	-	-	-	-	60	4	-
Strip Permit No. 570-1	Westmoreland	-	-	30,000	-	-	30,000	-	180	-	-
	Strip Permit No. 570-3	-	-	5,000	-	-	5,000	-	60	-	-
	Strip Permit No. 570-5	-	-	2,503	-	-	2,503	-	4	-	-
	Strip Permit No. 570-5	-	-	37,503	-	-	37,503	-	4	-	-
Total		-	-	-	-	-	-	-	-	-	-

District 34

	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in Manufacture		Total Production of Coal		Average Age of Worked Days	
		By Rail	By Water	By Truck	Locally	Domestic	Purposes of Coke	Total Production of Coal	Total Production of Coke	No. of Employees	Fatal Accidents
Operators and Mines											
Mazzara Coal Co.	Allegheny	-	-	7,267	-	-	-	7,267	-	33	1
McGal Coal Inc.	Allegheny	-	-	13,681	-	-	-	13,681	-	214	6
Special Project No. 241											
Special Project No. 299											
Mehrer, Emil W.	Westmoreland	-	-	-	2,000	-	-	2,000	-	100	4
Strip Permit No. 431-1											
Mikel, Edward	Westmoreland	-	-	37,051	-	-	-	37,051	-	219	6
Strip Permit No. 631-7											
Miller, Nelson L., Jr.	Westmoreland	-	-	940	-	-	-	940	-	16	1
Strip Permit No. 1379-1											
Morcoal Co.	Westmoreland	-	-	6,960	-	-	-	6,960	-	160	3
Strip Permit No. 1189-1											
Strip Permit No. 1189-3(c)	Westmoreland	-	-	120	-	-	-	120	-	15	-
Special Project No. 506	Westmoreland	-	-	400	-	-	-	400	-	60	-
Total		-	-	7,480	-	-	-	7,480	-	3	-
North Star Coal Co.	Allegheny	-	-	2,180	-	-	-	2,180	-	26	3
Special Project No. 547											
O'Brien & Son, Inc., William H.	Westmoreland	-	-	1,452	-	-	-	1,452	-	60	6
Strip Permit No. 1674-1											
Overly, L.W.	Westmoreland	-	-	110	-	-	-	110	-	10	3
Strip Permit No. 260-12											
Strip Permit No. 260-15	Westmoreland	-	-	9,321	-	-	-	9,321	-	54	-
Total		-	-	9,431	-	-	-	9,431	-	3	-
PNNP Coal Co.	Westmoreland	-	-	35,406	-	-	-	35,406	-	260	6
Strip Permit No. 1345-1											
Parnell, James	Westmoreland	-	-	10,333	-	-	-	10,333	-	204	5
Strip Permit No. 1587-1											
Patterson Coal Co.	Allegheny	-	-	400	-	-	-	400	-	120	3
Strip Permit No. 1614-2											
Special Project No. 458	Allegheny	-	-	2,355	-	-	-	2,355	-	-	-
Total		-	-	2,755	-	-	-	2,755	-	3	-
Penn Aggregates	Westmoreland	-	-	-	965	-	-	965	-	106	2
Strip Permit No. 876-1											
Penn Sherman Corp.	Allegheny	-	-	4,472	-	-	-	4,472	-	100	4
Special Project No. 303											
R.A.S. Excavating Co.	Allegheny	-	-	-	8,609	-	-	8,609	-	85	5
Strip Permit No. 1731-1											
Robinson, Alice K.	Westmoreland	-	-	87,900	-	-	-	87,900	-	220	6
Strip Permit No. 1258-1 & 2											

District 34

Operators and Mines	County	Production of Coal & Coke - Net Tons										Aver- age Days Worked	Fatal acci- dents	Non- fatal acci- dents
		Shipped to Market			Coal Used			Total						
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	Produc- tion of Coal	Produc- tion of Coke	Produc- tion of Coke					
Rondell Co., The	Westmoreland	-	-	76,033	-	-	-	76,033	-	276	10	-	-	
Strip Permit No. 511-12														
Rosini's Inc.	Allegheny	-	-	-	-	-	-	-	-	42	3	-	-	
Strip Permit No. 568-6(b)														
Russo, Joseph S.	Allegheny	-	-	7,293	-	-	-	7,293	-	57	3	-	-	
Strip Permit No. 1373-1														
Solomon & Teslovich	Westmoreland	-	-	13,523	-	-	-	13,523	-	103	4	-	-	
Strip Permit No. 628-6 & 15														
Strip Permit No. 628-14	Westmoreland	-	-	15,550	-	-	-	15,550	-	100	5	-	-	
Total		-	-	29,073	-	-	-	29,073	-	9	-	-	-	
Spec Coal														
Strip Permit No. 1596-1	Westmoreland	-	-	8,655	-	-	-	8,655	-	96	2	-	-	
Spotlight Coal Co., Inc.														
Special Project No. 378	Westmoreland	-	-	98	-	-	-	98	-	60	2	-	-	
286 Coal Co., Inc.	Allegheny	-	-	16,425	-	-	-	16,423	-	220	2	-	-	
Strip Permit No. 1371-3														
Vargo Coal Co., Inc.	Westmoreland	-	-	94,894	-	-	-	94,894	-	210	15	-	2	
Strip Permit No. 1121-1 & 2														
Weaver, Joseph F.	Westmoreland	-	-	52,669	-	-	-	52,669	-	238	4	-	-	
Strip Permit No. 958-5														
Weinman Brothers	Westmoreland	-	-	2,734	-	-	-	2,734	-	100	2	-	-	
Strip Permit No. 1224-4														
Wolf Run Road Coal Co.	Allegheny	-	-	450	-	-	-	450	-	15	4	-	-	
Strip Permit No. 1774-1														
Yough Excavating Co.	Allegheny	-	-	-	-	-	-	-	-	22	2	-	-	
Special Project No. 466														
Yough Fuel & Energy Co.	Westmoreland	-	-	6,876	-	-	-	6,876	-	65	3	-	-	
Strip Permit No. 1698-1														
Special Project No. 469	Westmoreland	-	-	2,725	-	-	-	2,725	-	56	-	-	-	
Strip Permit No. 1774-1														
Yough Excavating Co.	Allegheny	-	-	1,957	-	-	-	1,957	-	68	1	-	-	
Special Project No. 399														
Total		-	-	11,558	-	-	-	11,558	-	4	-	-	-	
District Total		400	120,212	1,493,897	20,146	-	-	1,634,655	-	206	407	-	9	

NOTE: (a) Completed.
(b) Backfilling.
(c) Stock coal.
* Men included.

District 34A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Locally Used in		Total Production of Coal		Total Production of Coke		Average Days of Worked	
		By Rail	By Water	By Truck	for Domestic Purposes	Manu- facture of Coke	tion of Coal	tion of Coke	of age	No. of Em- ployes	Fatal acci- dents
A & C Coal Co., Inc.	Westmoreland	-	-	2,440	-	-	2,440	-	22	2)	-
	Westmoreland	-	-	15,090	-	-	15,090	-	204)	-
	Total	-	-	17,530	-	-	17,530	-	2	-	-
Ankeny, Donald K.	Westmoreland	-	-	5,463	-	-	5,463	-	120	2	-
	Westmoreland	-	-	-	-	-	-	-	40	5	-
	Total	-	-	12,943	-	-	12,943	-	168	3	-
Ann Mineral Co.	Westmoreland	-	-	-	-	-	-	-	93	*	-
	Westmoreland	-	-	4,926	-	-	4,926	-	61	5)	-
	Total	-	-	32,151	-	-	32,151	-	164)	-
Avonmore Enterprises	Westmoreland	-	-	16,521	-	-	16,521	-	75	9)	-
	Westmoreland	-	-	60,912	-	-	60,912	-	185)	-
	Total	-	-	3,775	-	-	3,775	-	78	*	-
Bentley Coal Co., Inc.	Westmoreland	-	-	118,285	-	-	118,285	-	14	-	-
	Westmoreland	-	-	538	-	-	538	-	21	5)	-
	Total	-	-	108	-	-	108	-	8	-	-
Bologna Mining Co.	Westmoreland	-	-	646	-	-	646	-	5	-	-
	Westmoreland	-	-	68,049	-	-	68,049	-	248	14	-
	Total	-	-	5,871	-	-	5,871	-	263	3	-
Brown Coal Co., Inc., C.W.	Westmoreland	-	-	7,911	-	-	7,911	-	72	5)	-
	Westmoreland	-	-	1,722	-	-	1,722	-	23)	-
	Total	-	-	9,633	-	-	9,633	-	5	-	-
Cratty, Gower & Hyde, Inc.	Westmoreland	-	-	-	-	-	-	-	45	*	-
	Westmoreland	-	-	162,074	-	-	162,074	-	93	*	-
	Total	-	-	64,776	-	-	64,776	-	218	38	-
E & J Contracting Co.	Westmoreland	-	-	25,510	-	-	25,510	-	152	*	-
	Westmoreland	-	-	252,360	-	-	252,360	-	80	16	-
	Total	-	-	-	-	-	-	-	54	-	-
Eidemiller, Inc., Adam	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1404-1(a)	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1558-1	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1519-1	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1202-3	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 578-15	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 578-23	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 578-25A	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 578-30	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 578-38	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Westmoreland	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-

District 34A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in Manu-		Total Produc-		Aver-	
		By Rail	By Water	By Truck	For Domestic Purposes	for Manufacture of Coke	of Coal	tion of Coal	tion of Coke	age Days	No. of Em- ployes
										Worked	Fatal acci- dents
Felton Enterprises, Inc.	Westmoreland	-	-	20,609	-	-	20,609	-	-	172	5)
Strip Permit No. 1665-1	Westmoreland	-	-	250	-	-	250	-	-	14	-
Special Project No. 478	Westmoreland	-	-	20,859	-	-	20,859	-	-	5	-
Total											
Fiore Coal Co., Fred	Westmoreland	-	-	-	-	-	-	-	-	4	1
Strip Permit Nos. 349-6 & 7	Westmoreland	-	-	-	-	-	-	-	-	119	3
Galandi Coal Co.	Westmoreland	-	-	3,552	-	-	3,552	-	-	250	4
Strip Permit No. 797-2	Westmoreland	-	-	68,351	-	-	68,351	-	-	237	15
Gold Builders & Contracting, Inc.	Westmoreland	-	-	154,562	-	-	154,562	-	-	81	2
Strip Permit No. 1439-1	Westmoreland	-	-	1,833	-	-	1,833	-	-	48	2
Hawk Contracting, Inc.	Westmoreland	-	-	-	-	-	-	-	-	166	1
Strip Permit No. 1259-4	Westmoreland	-	-	-	-	-	-	-	-	184	2
Hustosky, John	Westmoreland	-	-	-	-	-	-	-	-	3	-
Strip Permit No. 398-3	Westmoreland	-	-	-	-	-	-	-	-	-	-
Jacobs Contracting Corp.	Westmoreland	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1274-1	Westmoreland	-	-	-	-	-	-	-	-	-	-
Kowalski, Frank	Westmoreland	-	-	-	1,654	-	1,654	-	-	1	-
Strip Permit No. 592-6	Westmoreland	-	-	-	3,891	-	3,891	-	-	2	-
Strip Permit No. 592-8A	Westmoreland	-	-	-	5,545	-	5,545	-	-	3	-
Total											
Kravetsky, Charles	Westmoreland	-	-	9,726	-	-	9,726	-	-	180	2
Strip Permit No. 1223-7(b)	Westmoreland	-	-	20,386	-	-	20,386	-	-	222	4
Lakeside Coal Co., Inc.	Westmoreland	-	-	-	-	-	-	-	-	150	13)
Strip Permit No. 1365-2	Westmoreland	-	-	6,549	-	-	6,549	-	-	127	-
Latimer Brothers	Westmoreland	-	-	5,611	-	-	5,611	-	-	190	-
Strip Permit No. 955-3 & 3A	Westmoreland	-	-	13,728	-	-	13,728	-	-	176	-
Strip Permit No. 955-4	Westmoreland	-	-	21,919	-	-	21,919	-	-	134	-
Strip Permit No. 955-5	Westmoreland	-	-	7,734	-	-	7,734	-	-	180	-
Strip Permit No. 955-6	Westmoreland	-	-	11,386	-	-	11,386	-	-	13	-
Strip Permit No. 955-7	Westmoreland	-	-	66,927	-	-	66,927	-	-	133	4
Strip Permit No. 955-8	Westmoreland	-	-	-	-	-	-	-	-	90	10
Total											
McCracken Energies, Inc.	Westmoreland	-	-	-	-	-	-	-	-	133	4
Strip Permit No. 1484-1	Westmoreland	-	-	15,389	-	-	15,389	-	-	90	10
Milrock Mining Inc.	Westmoreland	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1721-i	Westmoreland	-	-	-	-	-	-	-	-	-	-

District 34A

Operators and Mines	County	Production of Coal & Coke - Net Tons										Fatal acci- dents	Non-fatal acci- dents
		Shipped to Market					Total Production of Coal						
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Coal Used in Manu- facture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Em- ployes			
Morcoal Co.	Westmoreland	-	-	12,500	-	-	12,500	-	174	5	-	-	
Strip Permit No. 1189-2	Westmoreland	-	-	-	-	-	-	-	-	-	-	-	
North Cambria Fuel Co.	Westmoreland	7,179	-	21,988	-	-	29,167	-	127	*	-	1	
Strip Permit No. 10-34A	Westmoreland	6,823	-	92,113	-	-	98,936	-	229	13	-	-	
Strip Permit No. 10-38	Westmoreland	16,856	-	59,094	-	-	75,950	-	163	17	-	-	
Strip Permit No. 10-45	Westmoreland	112	-	-	-	-	112	-	8	*	-	-	
Special Project No. 551	Westmoreland	30,970	-	173,195	-	-	204,165	-	30	-	-	-	
Total													
Old Home Manor, Inc.	Westmoreland	-	-	-	-	-	-	-	227	3	-	-	
Strip Permit No. 615-17	Westmoreland	-	-	-	-	-	-	-	88	3	-	-	
Strip Permit No. 615-13	Westmoreland	-	-	-	-	-	-	-	217	11	-	-	
Strip Permit No. 615-17	Westmoreland	-	-	125,748	-	-	125,748	-	88	5	-	-	
Strip Permit No. 615-21	Westmoreland	-	-	18,745	-	-	18,745	-	40	3	-	-	
Strip Permit No. 615-24	Westmoreland	-	-	-	-	-	-	-	88	9	-	-	
Strip Permit No. 615-35	Westmoreland	-	-	29,195	-	-	29,195	-	34	-	-	-	
Total													
Patrick, Richard	Westmoreland	-	-	3,263	-	-	3,263	-	22	9	-	-	
Strip Permit No. 1699-2	Westmoreland	-	-	-	-	-	-	-	189	1	-	-	
Paulisick, Robert M.	Westmoreland	-	-	3,113	-	-	3,113	-	81	2	-	-	
Strip Permit No. 1446-1	Westmoreland	-	-	-	1,475	-	1,475	-	209	5	-	-	
Penn Aggregates	Westmoreland	-	-	-	-	-	-	-	109	16	-	-	
Strip Permit No. 876-2	Westmoreland	-	-	-	-	-	-	-	243	1	-	-	
Piccolomini, William	Westmoreland	-	-	19,474	-	-	19,474	-	-	-	-	-	
Strip Permit Nos. 159-18, 19, 20	Westmoreland	-	-	-	-	-	-	-	-	-	-	-	
Polar Coal Co.	Westmoreland	417	-	7,506	-	-	7,923	-	109	16	-	-	
Strip Permit No. 597-5	Westmoreland	4,819	-	79,810	-	-	84,629	-	243	1	-	-	
Strip Permit No. 597-6	Westmoreland	671	-	6,320	-	-	6,991	-	-	-	-	-	
Auger-BAM-796	Westmoreland	-	-	3,106	-	-	3,106	-	-	-	-	-	
Auger-BAM-814	Westmoreland	-	-	5,487	-	-	5,487	-	-	-	-	-	
Auger-BAM-821	Westmoreland	5,907	-	102,229	-	-	108,136	-	17	-	-	-	
Total													
R & R Salvage Inc.	Westmoreland	-	-	3,670	-	-	3,670	-	96	4	-	-	
Strip Permit No. 1422-1	Westmoreland	-	-	11,537	-	-	11,537	-	224	3	-	-	
Rondell Co., The	Westmoreland	-	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 511-13	Westmoreland	-	-	5,125	-	-	5,125	-	117	3	-	-	
Shearer Development Corp.	Westmoreland	-	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 1650-1	Westmoreland	-	-	-	-	-	-	-	-	-	-	-	

Operators and Mines	County	Production of Coal & Coke - Net Tons						Total Production of Coal	Total Production of Coke	Days of En-acci-dents	No. Fatal	Non-fatal
		Shipped to Market	By Rail	By Water	By Truck	Locally for Domestic Purposes	Coal Used for Manufacture of Coke					
Smith, Victor P.	Westmoreland	-	-	-	3,810	201	-	4,011	-	58	3)	-
Strip Permit No. 641-5	Westmoreland	-	-	-	2,490	391	-	2,881	-	15)	-
Strip Permit No. 641-7	Westmoreland	-	-	-	11,500	621	-	12,121	-	100)	-
Special Project No. 410	Westmoreland	-	-	-	17,800	1,213	-	19,013	-	3)	-
Total												
Smith's Blacktop Paving Co.	Westmoreland	-	-	-	1,640	-	-	1,640	-	107	2	-
Strip Permit No. 1268-2	Westmoreland	-	-	-	1,189	-	-	1,189	-	89	3	-
Spec Coal	Westmoreland	-	-	-	13,272	-	-	13,272	-	249	2	-
U.S. Utilities Services Corp.	Westmoreland	-	-	-	1,349	-	-	1,349	-	84	2)	-
Strip Permit No. 1132-2	Westmoreland	-	-	-	297	-	-	297	-	8)	-
Weaver, Joseph F.	Westmoreland	-	-	-	1,646	-	-	1,646	-	2)	-
Strip Permit No. 958-3	Westmoreland	-	-	-	60,000	-	-	60,000	-	240	4	-
Strip Permit No. 958-4	Westmoreland	-	-	-	1,455,706	8,233	-	1,500,816	-	209	304	-
Zappone Construction Co.	Westmoreland	36,877	-	-	-	-	-	-	-	-	-	2
Strip Permit No. 1281-1	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
District Total												

NOTE: (a) Backfilling.

(b) Formerly Strip Permit No. 1440-2 operated by P&S Coal Company. Operated as such until October and produced 7,530 tons of this production.

* Men included with those at other operations, same company.

District 35

B. H. & H., Inc.	Armstrong	-	-	-	8,108	-	-	8,108	-	99	29)	-
Strip Permit No. 617-10	Armstrong	-	-	-	11,044	-	-	11,044	-	139)	-
Strip Permit No. 617-11	Armstrong	-	-	-	16,677	-	-	16,677	-	135)	-
Strip Permit No. 617-13	Armstrong	-	-	-	33,781	-	-	33,781	-	201)	-
Strip Permit No. 617-15	Armstrong	-	-	-	12,245	-	-	12,245	-	76)	-
Strip Permit No. 617-16	Armstrong	-	-	-	23,981	-	-	23,981	-	172)	-
Strip Permit No. 617-17	Armstrong	-	-	-	3,360	-	-	3,360	-	20	3	-
Auger-B&H-813	Armstrong	-	-	-	109,196	-	-	109,196	-	32	-	-
Total												

District 35

Operators and Mines	County	Production of Coal & Coke - Net Tons										Fatal fatal accidents	Non-fatal accidents
		Shipped to Market		Coal Used		Total Production		Total Production		Average			
		By Rail	By Water	By Truck	Locally for Manufacture of Coke	Domestic Purposes of Coke	Used in Manufacture of Coke	of Coal	of Coke	Days Worked	Age of Employees		
Baughman Coal Co., Inc., R.D. Strip Permit No. 151-69 Strip Permit No. 151-73 Total	Armstrong	36,944	-	-	-	-	-	36,944	-	278	9	-	-
	Armstrong	24,630	-	-	-	-	-	24,630	-	97	8	-	-
		61,574	-	-	-	-	-	61,574	-		17	-	-
Bituminous Internation Corp. Strip Permit No. 1203-1 Auger-BAM-742 Total	Armstrong	62,590	-	936	-	-	-	63,526	-	277	14	-	-
	Armstrong	-	-	5,070	-	-	-	5,070	-	114	3	-	-
		62,590	-	6,006	-	-	-	68,596	-		17	-	-
Black Gem Coal Co. Strip Permit No. 1533-1 Strip Permit No. 1533-2 Strip Permit No. 1533-3 Auger-BAM-797 Total	Armstrong	-	-	6,348	-	-	-	6,348	-	25	13	-	-
	Armstrong	-	-	75,848	-	-	-	75,848	-	161	-	-	-
	Armstrong	-	-	45,145	-	-	-	45,145	-	97	-	-	-
Carpentertown Coal & Coke Co. Strip Permit No. 184-6 Strip Permit No. 184-7 Strip Permit No. 184-11 Strip Permit No. 184-14 Auger-BAM-538 Auger-BAM-752 Auger-BAM-795 Auger-BAM-831 Total	Armstrong	-	-	1,589	-	-	-	1,589	-	3	-	-	-
		-	-	128,930	-	-	-	128,930	-		13	-	-
	Armstrong	-	-	58,721	-	-	-	58,721	-	228	14	-	2
Cochran & Keller Coal Co., Inc. Strip Permit No. 1525-1 Auger-BAM-760 Total	Armstrong	-	-	5,703	-	-	-	5,703	-	104	*	-	-
	Armstrong	-	-	3,007	-	-	-	3,007	-	92	*	-	-
	Armstrong	-	-	15,631	-	-	-	15,631	-	80	10	-	-
Darnac Coal, Inc. Strip Permit No. 1600-3 Auger-BAM-853 Total	Armstrong	-	-	3,079	-	-	-	3,079	-	31	4	-	-
	Armstrong	-	-	2,699	-	-	-	2,699	-	21	-	-	-
	Armstrong	-	-	9,420	-	-	-	9,420	-	69	-	-	-
Daset Mining Corp. Strip Permit No. 1551-6 Strip Permit No. 1551-7 Strip Permit No. 1551-7A Total	Armstrong	-	-	1,809	-	-	-	1,809	-	23	-	-	-
		-	-	100,069	-	-	-	100,069	-		28	-	2
	Armstrong	-	-	16,227	-	-	-	16,227	-	279	7	-	-
Darnac Coal, Inc. Strip Permit No. 1551-6 Strip Permit No. 1551-7 Strip Permit No. 1551-7A Total	Armstrong	-	-	9,563	-	-	-	9,563	-		-	-	-
	Armstrong	-	-	25,790	-	-	-	25,790	-		7	-	-
	Armstrong	-	-	56,341	-	-	-	56,341	-	95	11	-	-
Daset Mining Corp. Strip Permit No. 1551-6 Strip Permit No. 1551-7 Strip Permit No. 1551-7A Total	Armstrong	-	-	1,497	-	-	-	1,497	-	20	3	-	-
		-	-	57,838	-	-	-	57,838	-		14	-	-
	Armstrong	10,059	-	-	-	-	-	10,059	-	131	4	-	-
Daset Mining Corp. Strip Permit No. 1551-6 Strip Permit No. 1551-7 Strip Permit No. 1551-7A Total	Armstrong	9,699	-	-	-	-	9,699	-	141	4	-	-	
	Armstrong	5,603	-	-	-	-	5,603	-	114	4	-	-	
		25,361	-	-	-	-	-	25,361	-		12	-	-

Operators and Mines	County	Production of Coal & Coke - Net Tons												
		Shipped to Market			Coal Used			Total						
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	Production of Coal	Production of Coke	Total	Average Days Worked	No. of Employees	Fatal Accidents	Non-Fatal Accidents	
Daybrook Coal Co.														
Strip Permit No. 1125-2	Armstrong	-	-	1,276	-	-	-	1,276	-	-	17	2	-	-
Strip Permit No. 1125-3	Armstrong	-	-	20,970	-	-	-	20,970	-	-	151	6	-	1
Strip Permit No. 1125-4	Armstrong	-	-	4,190	-	-	-	4,190	-	-	21	-	-	-
Total		-	-	26,436	-	-	-	26,436	-	-	-	8	-	1
Doverspike, Gary C.														
Strip Permit No. 1369-2	Armstrong	5,828	-	33,740	-	-	-	39,568	-	-	144	9	-	-
Strip Permit No. 1369-4	Armstrong	-	-	19,487	-	-	-	19,487	-	-	96	-	-	-
Special Project No. 330	Armstrong	-	-	776	-	-	-	776	-	-	5	-	-	-
Total		5,828	-	54,003	-	-	-	59,831	-	-	-	9	-	-
Eagle Mountain Coal Co.														
Strip Permit No. 1425-1	Armstrong	-	-	2,470	-	-	-	2,470	-	-	120	-	-	-
Strip Permit No. 1425-2	Armstrong	-	-	7,920	-	-	-	7,920	-	-	118	3	-	-
Total		-	-	10,390	-	-	-	10,390	-	-	-	3	-	-
Erdley Brothers Construction Co.														
Strip Permit No. 1390-2	Armstrong	-	-	-	-	-	-	-	-	-	10	1	-	-
H. & R. Coal Co.	Armstrong	-	-	14,925	-	-	-	14,925	-	-	112	2	-	-
Strip Permit No. 995-4	Armstrong	-	-	12,059	-	-	-	12,059	-	-	151	6	-	-
Strip Permit No. 995-7	Armstrong	-	-	26,984	-	-	-	26,984	-	-	-	8	-	-
Total		-	-	-	-	-	-	-	-	-	-	-	-	-
Harman, Paul C.														
Strip Permit No. 1736-1	Armstrong	2,824	-	-	-	-	-	2,824	-	-	26	3	-	-
Harmon Coal Co.	Armstrong	34,928	-	-	-	-	-	34,928	-	-	182	4	-	-
Strip Permit No. 514-6	Armstrong	1,901	-	-	-	-	-	1,901	-	-	80	5	-	-
Strip Permit No. 514-15	Armstrong	44,063	-	-	-	-	-	44,063	-	-	106	-	-	-
Strip Permit No. 514-19	Armstrong	80,892	-	-	-	-	-	80,892	-	-	-	9	-	-
Total		-	-	-	-	-	-	-	-	-	-	-	-	-
Hawk Contracting Inc.														
Strip Permit No. 121-13	Armstrong	-	-	1,059	-	-	-	1,059	-	-	110	6	-	-
Houser, Earl	Armstrong	-	-	2,475	-	-	-	2,475	-	-	52	2	-	-
Strip Permit No. 163-1	Armstrong	-	-	2,659	-	-	-	2,659	-	-	-	-	-	-
Strip Permit No. 163-2	Armstrong	-	-	4,924	-	-	-	4,924	-	-	-	-	-	-
Strip Permit No. 163-3	Armstrong	-	-	10,058	-	-	-	10,058	-	-	-	2	-	-
Total		-	-	-	-	-	-	-	-	-	-	-	-	-

District 35

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Locally Used in		Total Production of Coal		Total Production of Coke		Average Days of Worked	
		By Rail	By Water	By Truck	for Domestic Purposes	Manu- facture of Coke	tion of Coal	of Coke	age of Em- ployes	Fatal acci- dents	Non- acci- dents
Houser Coal Co., Walter L.	Armstrong	-	-	12,158	-	-	12,158	-	132	2	-
	Strip Permit No. 564-11	-	-	28,467	-	-	28,467	-	239	5	-
	Armstrong	-	-	12,965	-	-	12,965	-	135	*	-
	Strip Permit No. 564-18	-	-	12,383	-	-	12,383	-	87	*	-
	Armstrong	-	-	3,254	-	-	3,254	-	22	*	-
Strip Permit No. 564-23		-	-	69,227	-	-	69,227	-	7	-	-
Total		-	-	-	-	-	-	-	-	-	-
Jacobs Contracting Corp.	Armstrong	24,322	-	-	-	-	24,322	-	62	12	-
	Strip Permit No. 1274-3	29,410	-	-	-	-	29,410	-	223	8	-
	Armstrong	53,732	-	-	-	-	53,732	-	20	-	-
Total		-	-	-	-	-	-	-	-	-	-
Keystone Portland Cement Co.	Armstrong	-	-	2,056	-	-	2,056	-	26	5	-
	Strip Permit No. 712-3	-	-	2,328	-	-	2,328	-	81	4	-
	L & E Construction & Equipment Co., Inc.	1,029	-	16,333	-	-	16,333	-	224	4	-
	Strip Permit No. 26-11	257	-	10,722	-	-	10,722	-	85	*	-
	Armstrong	4,853	-	85,018	-	-	85,018	-	224	4	-
Strip Permit No. 26-13		17,037	-	114,401	-	-	114,401	-	12	-	-
Strip Permit No. 26-14		23,176	-	-	-	-	23,176	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-
M & M Mining, Inc.	Armstrong	-	-	16,473	-	-	16,473	-	176	2	-
	Strip Permit No. 1207-7	-	-	-	-	-	-	-	205	16	-
	Markle-Bullers Coal Co.	48,679	-	33,189	-	-	48,679	-	201	13	-
	Strip Permit No. 504-27	-	-	-	-	-	-	-	22	6	-
	Armstrong	887	-	-	-	-	887	-	43	8	-
Strip Permit No. 504-43		2,306	-	-	-	-	2,306	-	-	-	-
Strip Permit No. 504-44		51,872	-	33,189	-	-	85,061	-	43	1	-
Total		-	-	-	-	-	-	-	-	-	-
Martin Coal Co., James E.	Armstrong	7,296	-	-	-	-	7,296	-	195	4	-
	Strip Permit No. 419-6	94,007	-	-	-	-	94,007	-	314	19	-
	Armstrong	1,712	-	-	-	-	1,712	-	90	3	-
	Strip Permit No. 419-7	20,746	-	-	-	-	20,746	-	234	5	-
	Armstrong	1,712	-	-	-	-	1,712	-	23	3	-
Strip Permit No. 419-10		16,251	-	-	-	-	16,251	-	118	-	-
Auger-BAM-734		141,724	-	-	-	-	141,724	-	34	-	-
Auger-BAM-767		-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-

District 35

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Coal in Manufacture of Coke		Total Production of Coal of Coke		Average No. Days of Employment	
		By Rail	By Water	By Truck	Locally for Domestic Purposes						Fatal accidents
Mauersberg Coal Co. Strip Permit No. 344-25 McIntire Coal Co., Inc., William J. Strip Permit No. 638-3 Auger-BAM-825	Armstrong	19,623	-	-	-	-	-	19,623	-	157	4
	Armstrong	18,816	-	-	-	-	-	18,816	-	191	4
	Armstrong	11,128	-	-	-	-	-	11,128	-	-	-
	Total	29,944	-	-	-	-	-	29,944	-	-	4
Monroe Contract Corp. Strip Permit No. 1137-3 Strip Permit No. 1137-4 Auger-BAM-781	Armstrong	-	-	4,200	-	-	-	4,200	-	40	9
	Armstrong	-	-	-	-	-	-	-	-	20	-
	Armstrong	-	-	700	-	-	-	700	-	6	-
	Total	-	-	4,900	-	-	-	4,900	-	9	-
North Cambria Fuel Co. Strip Permit No. 10-41 Oak Tree Coal Co. Strip Permit No. 1695-5 P & N Coal Co., Inc. Strip Permit No. 32-90	Armstrong	-	-	68,963	-	-	-	68,963	-	183	9
	Armstrong	-	-	1,580	-	-	-	1,580	-	23	6
	Armstrong	18,715	-	-	-	-	-	18,715	-	189	6
	Total	19,707	-	10,605	-	-	-	30,312	-	270	8
R.E.M. Coal Co., Inc. Strip Permit No. 932-14 Reddinger, Terry Strip Permit No. 314-25 Strip Permit No. 314-31	Armstrong	20,591	-	11,195	-	-	-	31,786	-	281	7
	Armstrong	29,620	-	9,875	-	-	-	39,495	-	281	3
	Armstrong	31,431	-	12,700	-	-	-	44,131	-	281	5
	Total	43,732	-	14,500	-	-	-	58,232	-	281	5
Strip Permit No. 314-33 Strip Permit No. 314-35 Strip Permit No. 314-36 Strip Permit No. 314-37	Armstrong	8,448	-	6,095	-	-	-	14,543	-	250	3
	Armstrong	18,964	-	10,175	-	-	-	29,139	-	178	6
	Armstrong	8,353	-	9,500	-	-	-	17,853	-	178	4
	Total	161,139	-	74,040	-	-	-	235,179	-	33	-
Strongarm Coal Co., Inc. Strip Permit No. 1588-1 Taylor, Robert F. Strip Permit No. 1412-1 Valley Coal Co., Inc. Strip Permit No. 1353-1	Armstrong	-	-	2,694	-	-	-	2,694	-	105	3
	Armstrong	-	-	4,859	-	-	-	4,859	-	114	2
	Armstrong	-	-	71,327	-	-	-	71,327	-	239	9
	Total	-	-	1,894	-	-	-	1,894	-	8	3
Auger-BAM-826 Auger-BAM-845	Armstrong	-	-	2,010	-	-	-	2,010	-	8	-
	Total	-	-	75,231	-	-	-	75,231	-	12	-

		Production of Coal & Coke - Net Tons						
		Shipped to Market			Coal Used			
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal and Coke	
Operators and Mines	County							
W & M Coal Co.	Armstrong	-	-	24,500	-	-	24,500	
Strip Permit No. 787-3								
District Total		758,701	-	1,059,477	-	-	1,818,178	

NOTE: * Men included with those at other operations, same company.

AH-RS Coal Corp.									
Strip Permit No. 847-5	Armstrong	-	10,872	-	-	10,872	-	264	1
Alpha Environmental Mining Corp.									
Strip Permit No. 1358-2A4	Armstrong	50,625	7,493	-	-	58,118	-	278	-
Altmore Brothers Coal Co., Inc.									
Strip Permit No. 29-18	Armstrong	-	6,639	-	-	6,639	-	36	-
Ankeny, Donald K.									
Strip Permit No. 287-7, 8 69	Armstrong	-	166,191	-	-	166,191	-	252	-
Apollo Corp., The									
Auger-BAM-632	Armstrong	7,643	-	-	-	7,643	-	82	-
B & G Construction Co., Inc.									
Strip Permit No. 25-5	Armstrong	49,560	33,428	-	-	82,988	-	219	-
Strip Permit No. 23-7	Armstrong	77,986	54,630	-	-	132,616	-	219	1
Strip Permit No. 25-14	Armstrong	13,595	8,563	-	-	22,158	-	135	-
Total		141,141	96,621	-	-	237,762	-	16	-
Brown Brothers Coal Co.									
Strip Permit No. 485-2	Armstrong	-	3,533	-	-	3,533	-	89	-
Bryar Construction Co.									
Strip Permit No. 575-2	Armstrong	-	87,410	-	-	87,410	-	274	-
C&K Coal Co.									
Strip Permit No. 4-151	Armstrong	39,389	4,376	-	-	43,765	-	239	-
Daset Mining Corp.									
Strip Permit No. 1551-1	Armstrong	-	4,768	-	-	4,768	-	89	-
Strip Permit No. 1551-4	Armstrong	-	59,662	-	-	59,662	-	247	-
Total		-	64,430	-	-	64,430	-	17	-

District 35A

Operators and Mines	County	Production of Coal & Coke - Net Tons										Non-fatal accidents
		Shipped to Market	By Rail	By Water	By Truck	By Domestic Purposes	Locally for Manufacture of Coke	Used in Coal	Total Production of Coal	Total Production of Coke	Average age of Worked employees	Fatal accidents
Double A Coal Co.	Armstrong	-	-	-	15,503	-	-	-	15,503	-	192	4
Strip Permit No. 1054-1(a)												
Erdley Brothers Construction Co.	Armstrong	-	-	-	-	-	-	-	-	-	25	5
Strip Permit No. 1390-1	Armstrong	-	-	-	10,912	-	-	-	10,912	-	154	-
Strip Permit No. 1390-3	Armstrong	-	-	-	6,166	-	-	-	6,166	-	64	-
Strip Permit No. 1394-4	Armstrong	-	-	-	17,078	-	-	-	17,078	-	-	5
Total												
Fiore Development Co.	Armstrong	-	-	-	3,370	-	-	-	3,370	-	38	2
Strip Permit No. 305-9	Armstrong	-	-	-	22,209	-	-	-	22,209	-	110	-
Strip Permit No. 305-11	Armstrong	-	-	-	25,579	-	-	-	25,579	-	-	2
Total												
Firestone Coal Inc.	Armstrong	-	-	-	16,097	-	-	-	16,097	-	211	3
Strip Permit No. 1556-1	Armstrong	-	-	-	970	-	-	-	970	-	17	-
Auger-BAM-753	Armstrong	-	-	-	17,067	-	-	-	17,067	-	-	3
Total												
H. & R. Coal Co.	Armstrong	-	-	-	63,915	-	-	-	63,915	-	219	10
Strip Permit No. 995-8												
Harman Co., Inc., Paul C.	Armstrong	-	-	-	14,131	-	-	-	14,131	-	50	26
Strip Permit No. 322-18(b)												
Hawk Contracting Inc.	Armstrong	-	-	-	13,193	-	-	-	13,193	-	62	4
Strip Permit No. 121-14												
Houser Coal Co., Walter L.	Armstrong	-	-	-	48,529	-	-	-	48,529	-	219	9
Strip Permit No. 564-10	Armstrong	-	-	-	7,349	-	-	-	7,349	-	131	4
Strip Permit No. 564-15	Armstrong	-	-	-	55,878	-	-	-	55,878	-	-	13
Total												
Jacobs Contracting Corp.	Armstrong	-	-	-	9,472	-	-	-	9,472	-	58	4
Strip Permit No. 1274-4(b)	Armstrong	-	-	-	550	-	-	-	550	-	90	-
Strip Permit No. 1274-6(b)	Armstrong	-	-	-	2,225	-	-	-	2,225	-	20	3
Auger-BAM-710 (b)	Armstrong	-	-	-	400	-	-	-	400	-	3	-
Auger-BAM-712 (b)	Armstrong	-	-	-	12,647	-	-	-	12,647	-	-	7
Total												
King Coal Co.	Armstrong	-	-	-	11,996	-	-	-	11,996	-	124	4
Strip Permit No. 1566-2	Armstrong	-	-	-	1,729	-	-	-	1,729	-	75	5
Strip Permit No. 1566-9	Armstrong	-	-	-	13,725	-	-	-	13,725	-	-	9
Total												

District 35A

Operators and Mines	County	Production of Coal & Coke - Net Tons						Total Production of Coal	Total Production of Coke	Average Days of Employment	Fatal Accidents	Non-fatal Accidents
		Shipped to Market	By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke					
Kravetsky, Charles	Armstrong	-	-	-	9,995	-	-	9,995	-	141	3	-
Strip Permit No. 1223-1	Armstrong	-	-	-	2,800	-	-	2,800	-	40	-	-
Strip Permit No. 1223-1A	Armstrong	-	-	-	12,795	-	-	12,795	-	3	-	-
Total												
Lakeside Coal Co., Inc.	Armstrong	-	-	-	950	-	-	950	-	10	2	-
Strip Permit No. 1365-4(a)	Armstrong	-	-	-	2,166	-	-	2,166	-	16	-	-
Strip Permit No. 1365-5	Armstrong	-	-	-	3,116	-	-	3,116	-	2	-	-
Total												
M&M Mining, Inc.	Armstrong	-	-	-	7,798	-	-	7,798	-	76	2	-
Strip Permit No. 1207-5	Armstrong	-	-	-	1,008	-	-	1,008	-	160	3	-
Manor Minerals, Inc.	Armstrong	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 333-5	Armstrong	-	-	-	-	-	-	-	-	-	-	-
McIntire Coal Co., Inc. William J.	Armstrong	4,401	-	-	-	-	-	4,401	-	90	*	-
Strip Permit No. 638-1	Armstrong	83,459	-	-	-	-	-	83,459	-	289	5	-
Strip Permit No. 638-4	Armstrong	1,174	-	-	-	-	-	1,174	-	3	-	-
Auger-BAM-621	Armstrong	89,034	-	-	-	-	-	89,034	-	8	-	-
Total												
Mears Coal Co., Inc.	Armstrong	22,457	-	-	-	-	-	22,457	-	223	3	-
Strip Permit No. 1670-1	Armstrong	755	-	-	-	-	-	755	-	8	-	-
Auger-BAM-812	Armstrong	23,212	-	-	-	-	-	23,212	-	3	-	-
Total												
Nicholson Run Coal Co.	Armstrong	-	-	-	-	-	-	-	-	22	2	-
Strip Permit No. 586-2	Armstrong	-	-	-	-	-	-	-	-	48	-	-
Strip Permit No. 586-3	Armstrong	-	-	-	-	-	-	-	-	69	-	-
Strip Permit No. 586-4	Armstrong	-	-	-	1,229	-	-	1,229	-	-	-	-
Strip Permit No. 586-5	Armstrong	3,713	-	-	53,133	-	-	56,846	-	257	12	2
Total												
P&L Coal Co., Inc.	Armstrong	3,713	-	-	54,362	-	-	58,075	-	14	-	2
Strip Permit No. 115-6 (c)	Armstrong	-	-	-	-	-	-	-	-	98	-	-
Strip Permit No. 115-7	Armstrong	-	-	-	39,204	-	-	39,204	-	225	6	-
Total												
Penn Terra, Inc.	Armstrong	-	-	-	21,904	-	-	21,904	-	67	13	-
Strip Permit No. 1275-2	Armstrong	-	-	-	33,189	-	-	33,189	-	120	9	-
Rob Coal Co.	Armstrong	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 542-9A	Armstrong	-	-	-	-	-	-	-	-	-	-	-

District 35A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Aver-	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	of Coal	Production of Coal	tion of Coke	age Days	Non- Fatal fatal acci- dents
Rochester & Pittsburgh Coal Co. Strip Permit No. 482-5 Strip Permit No. 482-8 Strip Permit No. 482-9 Strip Permit No. 482-13 Total	Armstrong	280,568	-	-	-	-	280,568	-	-	196	27
	Armstrong	225,181	-	47,832	-	-	273,013	-	-	223	16
	Armstrong	88,011	-	70,307	-	-	158,318	-	-	218	8
	Armstrong	71,325	-	-	-	-	71,325	-	-	41	*
	Total	665,085	-	118,139	-	-	783,224	-	-	51	2
S&S Coal Co., Inc. Strip Permit No. 577-2 Strip Permit No. 577-3 Total	Armstrong	-	-	-	17,286	-	17,286	-	-	208	4
	Armstrong	-	-	-	7,979	-	7,979	-	-	115	3
Snyder Co., C.H. Strip Permit No. 1103-1 Strip Permit No. 1103-2 Total	Armstrong	-	-	-	25,265	-	25,265	-	-	7	1
	Armstrong	56,903	-	-	-	-	56,903	-	-	214	8
State Industries, Inc. Strip Permit No. 435-11 West Freedom Mining Corp. Strip Permit No. 68-23 Strip Permit No. 68-30 Total	Armstrong	32,794	-	-	-	-	32,794	-	-	190	-
	Armstrong	89,697	-	-	-	-	89,697	-	-	8	-
Yates Brothers' Coal Co. Strip Permit No. 1351-3 District Total	Armstrong	-	-	-	-	-	-	-	-	15	2
	Armstrong	18,352	-	11,104	-	-	29,456	-	-	307	2
Total	Armstrong	-	-	3,788	-	-	3,788	-	-	290	16
	Armstrong	18,352	-	14,892	-	-	33,244	-	-	18	1
Total	Armstrong	9,904	-	11,716	-	-	21,620	-	-	181	9
	District Total	1,137,795	-	1,014,404	25,265	-	2,177,464	-	-	200	356

NOTE: (a) Completed.
(b) Information taken from monthly reports as no Annual Report was submitted.
(c) Backfilling.
* Men included with those at other operations, same company.

District 36

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Locally Used		Coal		Total		Aver-	
		By Rail	By Water	By Truck	For Domestic Purposes	Manu- facture of Coke	of Coal	tion of Coke	of Coal	age	No.
										Days	Fatal acci-
										Worked	deaths
ALRS Coal Corp.	Clarion	2,860	-	-	-	-	2,860	-	245	7	-
Strip Permit No. 847-1											
Allegheny Mineral Corp.	Clarion	-	-	65,032	-	-	65,032	-	181	4	-
Strip Permit No. 571-6											
Baughman Coal Co., Inc., R. D.	Clarion	46,323	-	-	-	-	46,323	-	278	9	-
Strip Permit No. 151-64											
Strip Permit No. 151-71	Clarion	4,085	-	-	-	-	4,085	-	273	6	-
Strip Permit No. 151-75	Clarion	-	-	-	-	-	-	-	34	3	-
Total		50,408	-	-	-	-	50,408	-	18	-	-
Beveridge Coal Co.	Clarion	22,326	-	12,320	-	-	34,646	-	245	7	-
Strip Permit No. 1349-1											
C&K Coal Co.	Clarion	21,441	-	2,382	-	-	23,823	-	180	*	-
Strip Permit No. 4-55											
Strip Permit No. 4-85	Clarion	5,257	-	584	-	-	5,841	-	58	*	-
Strip Permit No. 4-89	Clarion	5,176	-	575	-	-	5,751	-	90	*	-
Strip Permit No. 4-93	Clarion	86,541	-	9,616	-	-	96,157	-	326	22	-
Strip Permit No. 4-94	Clarion	2,972	-	333	-	-	3,305	-	30	*	-
Strip Permit No. 4-98	Clarion	37,764	-	4,196	-	-	41,960	-	149	*	-
Strip Permit No. 4-102	Clarion	5,354	-	595	-	-	5,949	-	30	*	-
Strip Permit No. 4-110	Clarion	41,234	-	4,581	-	-	45,815	-	268	*	-
Strip Permit No. 4-111	Clarion	6,669	-	741	-	-	7,410	-	58	*	-
Strip Permit No. 4-112	Clarion	10,588	-	1,176	-	-	11,767	-	120	*	-
Strip Permit No. 4-113	Clarion	930	-	105	-	-	1,035	-	30	*	-
Strip Permit No. 4-114	Clarion	386,894	-	42,988	-	-	429,882	-	357	40	-
Strip Permit No. 4-115	Clarion	44,111	-	4,901	-	-	49,012	-	180	*	-
Strip Permit No. 4-116	Clarion	43,661	-	4,851	-	-	48,512	-	357	17	-
Strip Permit No. 4-117	Clarion	139,368	-	15,485	-	-	154,853	-	357	23	-
Strip Permit No. 4-120	Clarion	105,643	-	11,738	-	-	117,381	-	357	24	-
Strip Permit No. 4-123	Clarion	30,416	-	3,379	-	-	33,795	-	357	15	-
Strip Permit No. 4-127	Clarion	2,713	-	301	-	-	3,014	-	30	*	-
Strip Permit No. 4-131	Clarion	71,201	-	7,911	-	-	79,112	-	357	19	-
Strip Permit No. 4-134	Clarion	66,074	-	7,342	-	-	73,416	-	357	18	-
Strip Permit No. 4-137	Clarion	7,780	-	864	-	-	8,644	-	60	*	-
Strip Permit No. 4-142	Clarion	40,266	-	4,474	-	-	44,740	-	238	*	-
Strip Permit No. 4-144	Clarion	113,534	-	12,615	-	-	126,149	-	357	25	-
Strip Permit No. 4-146	Clarion	33,601	-	3,733	-	-	37,334	-	148	*	-
Strip Permit No. 4-147	Clarion	121,673	-	13,519	-	-	135,192	-	357	26	-

District 36

		Production of Coal & Coke - Net Tons									
		Shipped to Market			Coal Used			Used in			
		By	By	Truck	By	Domestic	Purposes	Manu-	of Coal	Total	
		Rail	Water					facture		tion	
								of Coke		of Coke	
Operators and Mines	County										
C&K Coal Co. (continued)											
Strip Permit No. 4-148	Clarion	25,667	-	2,852	-	-	-	-	28,519	-	239
Strip Permit No. 4-149	Clarion	68,090	-	7,566	-	-	-	-	75,656	-	299
Auger-BAM-771	Clarion	10,459	-	1,162	-	-	-	-	11,621	-	140
Auger-BAM-791	Clarion	4,105	-	456	-	-	-	-	4,561	-	62
Auger-BAM-798	Clarion	3,579	-	398	-	-	-	-	3,977	-	28
Auger-BAM-805	Clarion	734	-	81	-	-	-	-	815	-	13
Auger-BAM-817	Clarion	2,134	-	237	-	-	-	-	2,371	-	41
Total		1,545,649	-	171,737	-	-	-	-	1,717,386	-	232
Chernicky Coal Co., Inc.											
Strip Permit No. 1423-1	Clarion	3,806	-	4,000	-	-	-	-	7,806	-	140
Strip Permit No. 1423-4	Clarion	46,821	-	-	-	-	-	-	46,821	-	212
Strip Permit No. 1423-5	Clarion	23,044	-	40,000	-	-	-	-	63,044	-	266
Strip Permit No. 1423-6	Clarion	2,612	-	2,612	-	-	-	-	5,224	-	46
Total		76,283	-	46,612	-	-	-	-	122,895	-	23
Clarion Fossil Fuels Corp.											
Strip Permit No. 1408-1	Clarion	-	-	1,389	-	-	-	-	1,389	-	32
Strip Permit No. 1408-2	Clarion	-	-	1,905	-	-	-	-	1,905	-	203
Strip Permit No. 1408-3	Clarion	2,619	-	48,264	-	-	-	-	50,883	-	293
Strip Permit No. 1408-4	Clarion	17,678	-	96,520	-	-	-	-	114,198	-	11
Total		20,297	-	148,078	-	-	-	-	168,375	-	28
Colt Resources, Inc.											
Strip Permit No. 1171-2	Clarion	33,200	-	-	-	-	-	-	33,200	-	229
Strip Permit No. 1171-9	Clarion	20,000	-	-	-	-	-	-	20,000	-	90
Strip Permit No. 1171-11	Clarion	3,000	-	-	-	-	-	-	3,000	-	14
Total		56,200	-	-	-	-	-	-	56,200	-	8
Cotterman, W.A.											
Strip Permit No. 603-13	Clarion	-	-	17,771	-	-	-	-	17,771	-	140
Strip Permit No. 603-14	Clarion	-	-	4,572	-	-	-	-	4,572	-	163
Strip Permit No. 603-14A	Clarion	-	-	27,572	-	-	-	-	27,572	-	11
Strip Permit No. 603-14A2	Clarion	-	-	3,162	-	-	-	-	3,162	-	16
Strip Permit No. 603-14A3	Clarion	-	-	42,799	-	-	-	-	42,799	-	288
Strip Permit No. 603-14A4	Clarion	-	-	4,501	-	-	-	-	4,501	-	28
Total		-	-	100,377	-	-	-	-	100,377	-	20
Darmac Coal, Inc.											
Strip Permit No. 1600-2	Clarion	3,027	-	-	-	-	-	-	3,027	-	35
Total		-	-	-	-	-	-	-	-	-	2

District 36

Production of Coal & Coke - Net Tons											
Operators and Mines	County	Shipped to Market			Coal Used			Total Production of Coal	Total Production of Coke	Average Days Worked	Non-Fatal Fatal accidents
		By Rail	By Water	By Truck	for Domestic Purposes	for Manufacture of Coke					
Dean Contractor, Inc., Ernest C.											
Strip Permit No. 379-35	Clarion	58,155	-	35,644	-	-	93,799	-	293	14	2
Strip Permit No. 379-36	Clarion	3,116	-	1,910	-	-	5,026	-	61	3	-
Strip Permit No. 379-41 & 42	Clarion	5,274	-	3,233	-	-	8,507	-	54	2	-
Strip Permit No. 379-43	Clarion	21,598	-	13,237	-	-	34,835	-	289	10	1
Strip Permit No. 379-44	Clarion	6,174	-	3,784	-	-	9,958	-	126	4	-
Strip Permit No. 379-45	Clarion	18,600	-	11,400	-	-	30,000	-	293	4	-
Strip Permit No. 379-46	Clarion	4,313	-	2,643	-	-	6,956	-	54	10	-
Total		117,230	-	71,851	-	-	189,081	-	47	-	3
Deitz, Donald W.											
Strip Permit No. 1270-2	Clarion	16,520	-	-	-	-	16,520	-	90	8	-
Strip Permit No. 1270-3	Clarion	15,210	-	19,210	-	-	34,420	-	175	-	-
Strip Permit No. 1270-4	Clarion	610	-	-	-	-	610	-	40	-	-
Total		32,340	-	19,210	-	-	51,550	-	8	-	-
Elbe Contracting Co.											
Strip Permit No. 1644-1	Clarion	-	-	4,500	-	-	4,500	-	60	3	-
Strip Permit No. 1644-3	Clarion	-	-	4,000	-	-	4,000	-	60	-	-
Strip Permit No. 1644-6	Clarion	-	-	32,000	-	-	32,000	-	300	3	-
Total		-	-	40,500	-	-	40,500	-	6	-	-
Fagley, Robert L.											
Strip Permit No. 1289-1	Clarion	-	-	-	-	-	-	-	270	10	-
Strip Permit No. 1289-3	Clarion	-	-	2,790	-	-	2,790	-	-	-	-
Strip Permit No. 1289-3A	Clarion	-	-	9,901	-	-	9,901	-	-	-	-
Strip Permit No. 1289-3A2	Clarion	-	-	11,564	-	-	11,564	-	-	-	-
Strip Permit No. 1289-4	Clarion	-	-	3,667	-	-	3,667	-	-	-	-
Strip Permit No. 1289-5	Clarion	-	-	8,400	-	-	8,400	-	-	-	-
Total		-	-	36,322	-	-	36,322	-	10	-	-
Fairhill Coal											
Strip Permit No. 602-4	Clarion	-	-	4,499	-	-	4,499	-	60	2	-
Gearhart, Alvin											
Strip Permit No. 632-4	Clarion	-	-	23,880	-	-	23,880	-	157	5	-
Glacial Minerals, Inc.											
Strip Permit No. 1257-1	Clarion	9,364	-	107,690	-	-	117,054	-	120	16	-
Strip Permit No. 1257-1	Clarion	1,013	-	13,450	-	-	14,463	-	18	-	-
Strip Permit No. 1257-1	Clarion	897	-	10,320	-	-	11,217	-	18	-	-
Strip Permit No. 1257-5	Clarion	2,407	-	27,679	-	-	30,086	-	36	14	-
Strip Permit No. 1257-5	Clarion	2,474	-	5,456	-	-	5,930	-	7	-	-

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Average age of Worked	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	of Coal	of Coke	Days	No. of Em-ployes	Fatal acci-dents
Glacial Minerals, Inc. (continued)	Clarion	468	-	7,331	-	-	7,799	-	11	-	-
Strip Permit No. 1257-5	Clarion	127	-	1,459	-	-	1,586	-	3	-	-
Strip Permit No. 1257-5	Clarion	1,304	-	20,436	-	-	21,740	-	23	-	-
Strip Permit No. 1257-5	Clarion	2,732	-	36,298	-	-	39,030	-	51	21	-
Strip Permit No. 1257-6	Clarion	538	-	6,182	-	-	6,720	-	7	-	-
Strip Permit No. 1257-6	Clarion	521	-	6,930	-	-	7,451	-	6	21	-
Strip Permit No. 1257-7	Clarion	7,039	-	110,277	-	-	117,316	-	80	18	-
Strip Permit No. 1257-8	Clarion	555	-	7,379	-	-	7,934	-	9	-	-
Strip Permit No. 1257-8	Clarion	2,258	-	25,971	-	-	28,229	-	34	5	-
Strip Permit No. 1257-76	Clarion	29,697	-	386,858	-	-	416,555	-	-	95	-
Total											
H&G Coal & Clay Co., Inc.	Clarion	25,500	-	-	-	-	25,500	-	219	5	-
Strip Permit No. 75-33	Clarion	70,000	-	-	-	-	70,000	-	296	5	-
Strip Permit No. 75-36	Clarion	95,000	-	-	-	-	95,500	-	-	10	-
Total											
Jack Brothers Construction Co.	Clarion	-	-	19,220	-	-	19,220	-	160	5	-
Strip Permit No. 450-11	Clarion	-	-	808	-	-	808	-	103	2	-
Leadbetter Coal Co.	Clarion	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 968-4	Clarion	-	-	40,700	-	-	40,700	-	290	5	-
Lucinda Coal Co., Inc.	Clarion	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1015-1	Clarion	-	-	-	-	-	-	-	-	-	-
NSM Coal Co., Inc.	Clarion	-	-	3,905	-	-	3,905	-	66	2	-
Strip Permit No. 1748-1	Clarion	-	-	-	-	-	-	-	-	-	-
Mauersberg Coal Co.	Clarion	2,556	-	-	-	-	2,556	-	72	2	-
Strip Permit No. 344-9	Clarion	30,951	-	-	-	-	30,951	-	216	6	-
Strip Permit No. 344-20	Clarion	20,661	-	-	-	-	20,661	-	215	6	-
Strip Permit No. 344-30	Clarion	28,016	-	-	-	-	28,016	-	164	3	-
Strip Permit No. 344-31	Clarion	-	-	-	-	-	-	-	18	-	-
Strip Permit No. 344-33	Clarion	1,211	-	-	-	-	1,211	-	32	*	-
Strip Permit No. 344-35	Clarion	25,981	-	-	-	-	25,981	-	148	2	-
Strip Permit No. 344-36	Clarion	-	-	-	-	-	-	-	22	*	-
Strip Permit No. 344-37	Clarion	6,400	-	-	-	-	6,400	-	46	-	-
Strip Permit No. 344-42	Clarion	115,776	-	-	-	-	115,776	-	-	19	-
Total											

District 36

Operators and Mines Mays Coal Co.	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Produced		Total Production of Coal		Average Days of Worked	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	tion of Coke	of Coal	of Coke	Age of Em- ployes	Fatal acci- dents
Strip Permit No. 210-4(A2,8,9&10)	Clarion	-	-	40,388	-	-	-	40,388	-	244	9
Strip Permit No. 210-6	Clarion	-	-	1,022	-	-	-	1,022	-	38	*
Total		-	-	41,410	-	-	-	41,410	-	282	9
Miles, Clyde											
Strip Permit No. 509-12	Clarion	-	-	50,724	-	-	-	50,724	-	277	6
Miles Coal Co., Steven C.											
Strip Permit No. 1290-1	Clarion	-	-	41,225	-	-	-	41,225	-	123	12
Minich Coal Co.											
Strip Permit No. 415-6	Clarion	-	-	37,901	-	-	-	37,901	-	266	5
R.E.M. Coal Co., Inc.											
Strip Permit No. 932-6A	Clarion	15,774	-	7,011	-	-	-	22,785	-	134	10
Strip Permit No. 932-7	Clarion	39,506	-	39,725	-	-	-	79,231	-	224	11
Strip Permit No. 932-12	Clarion	10,070	-	14,509	-	-	-	24,579	-	100	*
Strip Permit No. 932-13	Clarion	15,711	-	-	-	-	-	15,711	-	192	9
Total		81,061	-	61,245	-	-	-	142,306	-	30	-
Reddinger, Terry											
Strip Permit No. 314-29	Clarion	18,184	-	-	-	-	-	18,184	-	276	5
Strip Permit No. 314-34	Clarion	26,590	-	1,022	-	-	-	26,590	-	106	5
Total		44,774	-	-	-	-	-	44,774	-	10	-
Reichard Paving & Excavating, Gene											
Strip Permit No. 606-2	Clarion	-	-	2,970	-	-	-	2,970	-	64	2)
Strip Permit No. 606-4	Clarion	-	-	10,026	-	-	-	10,026	-	134	-
Total		-	-	12,996	-	-	-	12,996	-	2	-
Shaffer, Cecil											
Strip Permit No. 1167-6(a)	Clarion	-	-	12,104	-	-	-	12,104	-	121	3
Shannon Coal Co.											
Strip Permit No. 1204-3	Clarion	20,880	-	2,320	-	-	-	23,200	-	118	20
Strip Permit No. 1204-5	Clarion	100,382	-	11,154	-	-	-	111,536	-	357	19
Strip Permit No. 1204-9	Clarion	52,202	-	5,800	-	-	-	58,002	-	357	17
Strip Permit No. 1204-10	Clarion	68,351	-	7,592	-	-	-	75,943	-	357	16
Strip Permit No. 1204-11	Clarion	10,645	-	1,183	-	-	-	11,828	-	89	*
Strip Permit No. 1204-13	Clarion	90,176	-	10,020	-	-	-	100,196	-	357	26
Strip Permit No. 1204-14	Clarion	82,810	-	9,201	-	-	-	92,011	-	357	18
Strip Permit No. 1204-15	Clarion	170,411	-	18,934	-	-	-	189,345	-	357	24
Strip Permit No. 1204-19	Clarion	2,108	-	234	-	-	-	2,342	-	28	*
Strip Permit No. 1204-20	Clarion	45,077	-	5,009	-	-	-	50,086	-	357	13

District 36

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Locally Used in		Total Production of Coal		Average Days of Worked	
		By Rail	By Water	By Truck	For Domestic Purposes	For Manufacture of Coke	Manu- facture of Coke	Produc- tion of Coal	Total Produc- tion of Coke	age No. of Em- ployes	Fatal acci- dents
Shannon Coal Co. (continued)	Clarion	77,760	-	8,640	-	-	-	86,400	-	357	22
	Strip Permit No. 1204-22	58,834	-	6,537	-	-	-	65,371	-	239	16
	Clarion	4,195	-	-	-	-	-	4,661	-	60	*
	Strip Permit No. 1204-25	80,354	-	8,928	-	-	-	89,282	-	357	20
	Clarion	564	-	63	-	-	-	627	-	16	(b)
	Auger-BAM-746	864,749	-	96,081	-	-	-	960,830	-	211	-
Total											2
Siegel, Thomas E.	Clarion	-	-	14,996	-	-	-	14,996	-	278	3
	Strip Permit No. 1210-4	-	-	16,720	-	-	-	16,720	-	278	2
	Clarion	-	-	31,716	-	-	-	31,716	-	5	1
Total											1
Siegel Coal Co., Harold A.	Clarion	-	-	5,193	-	-	-	5,193	-	83	25
	Strip Permit No. 8-22	-	-	-	-	-	-	-	-	-	-
	Stahlman Coal Co., Inc., W.P.	75,369	-	-	220	-	-	75,589	-	345	18
	Strip Permit No. 9-45	62,522	-	-	330	-	-	62,852	-	125	21
	Clarion	3,947	-	-	-	-	-	3,947	-	36	3
	Auger-BAM-747	141,838	-	-	550	-	-	142,388	-	42	-
Total											-
Vantage Coal Corp.	Clarion	28,881	-	3,209	-	-	-	32,090	-	152	22
	Strip Permit No. 794-1	9,997	-	1,111	-	-	-	11,108	-	58	-
	Clarion	38,878	-	4,320	-	-	-	43,198	-	22	-
Total											-
W&M Coal Co.	Clarion	-	-	4,500	-	-	-	4,500	-	57	3
	Strip Permit No. 787-4	-	-	-	-	-	-	-	-	-	-
	White Coal	-	-	18,845	-	-	-	18,845	-	78	4
	Strip Permit No. 1503-1	-	-	-	-	-	-	-	-	-	-
	Wilson, John N.	-	-	4,673	-	-	-	4,673	-	152	2
	Strip Permit No. 502-5	-	-	-	-	-	-	-	-	226	2
Wyant Coal Co., R.E.	Clarion	-	-	3,851	-	-	-	3,851	-	146	1
	Strip Permit No. 1334-1	-	-	-	-	-	-	-	-	241	4
	Yates Brothers Coal Co.	6,378	-	-	-	-	-	6,378	-	-	-
	Strip Permit No. 1351-1	12,524	-	-	-	-	-	12,524	-	5	-
	Strip Permit No. 1351-2	18,902	-	-	-	-	-	18,902	-	-	-
	Total										-
Yeane, Woodrow	Clarion	10,755	-	2,777	-	-	-	13,532	-	284	6
	Strip Permit No. 1504-1	-	-	-	-	-	-	-	-	-	-

District 36

Operators and Mines	County	Production of Coal & Coke - Net Tons										Non- Fatal fatal acci- dents	No. of Em- ployes
		Shipped to Market			Coal Used		Total Produc- tion of Coal		Aver- Days Worked		Fatal fatal acci- dents		
		By Rail	By Water	By Truck	Locally for	Domestic Purposes	of Coke	of Coke	Days Worked				
Zacherl Coal Co.	Clarion	)	)	)				59,910	-	206	6	-	-
Strip Permit No. 73-18	Clarion	)	)	)				35,162	-	259	6	-	-
Strip Permit No. 73-21	Clarion	99,122	-	92,991	-	-		13,727	-	53	*	-	-
Strip Permit No. 73-24	Clarion	)	)	)				57,829	-	226	5	-	-
Strip Permit No. 73-28	Clarion	)	)	)				25,485	-	149	4	-	-
Strip Permit No. 73-30	Clarion	)	)	)				192,113	-	21	-	-	-
Total		99,122	-	92,991	-	-							
District Total		3,467,672	-	1,714,461	550	-		5,182,683	-	284	990	-	13

Note: (a) Information taken from monthly reports as no Annual Report was submitted.

(b) By Contractor.

* Employees included with those at other operations, same company.

District 37

Allied Fuel & Materials, Inc.	Venango	-	14,546	-	-	-	14,546	-	66	6	-	-
Strip Permit No. 471-7												
Ancient Sun Inc.	Clarion	-	21,272	-	-	-	21,272	-	286	4	-	-
Strip Permit No. 1186-2 & 4												
C&K Coal Co.	Clarion	113,921	-	12,658	-	-	126,579	-	328	23	-	-
Strip Permit No. 4-108	Venango	16,075	-	1,786	-	-	17,861	-	118	*	-	-
Strip Permit No. 4-122	Clarion	59,858	-	6,651	-	-	66,509	-	179	16	-	-
Strip Permit No. 4-132	Clarion	29,129	-	3,236	-	-	32,365	-	239	9	-	1
Strip Permit No. 4-135	Venango	72,712	-	8,079	-	-	80,791	-	209	16	-	-
Strip Permit No. 4-143	Clarion	9,714	-	1,079	-	-	10,793	-	58	*	-	-
Strip Permit No. 4-156	Clarion	1,738	-	193	-	-	1,931	-	23	(a)	-	-
Auger-BAM-735	Clarion	303,147	-	33,682	-	-	336,829	-	64	-	-	1
Total												
Chernicky Coal Co., Inc.	Clarion	6,017	-	-	-	-	6,017	-	55	3	-	-
Strip Permit No. 1423-3	Clarion	62,335	-	-	-	-	62,335	-	239	9	-	-
Strip Permit No. 1423-7		68,352	-	-	-	-	68,352	-		12	-	-
Total												
Chutz Contracting Ltd.	Venango	-	-	56,907	-	-	56,907	-	224	9	-	-
Strip Permit No. 650-7 & 8												

District 37

	County	Production of Coal & Coke - Net Tons							Total Production of Coal	Total Production of Coke	Average Days of Worked	No. of Em- ployes	Fatal acci- dents	Non- acci- dents
		Shipped to Market	By Rail	By Water	By Truck	Domestic Purposes	Locally Used for Manu- facture of Coke	Coal Used in Manu- facture of Coke						
Operators and Mines														
Clarion Realty Co.	Venango	-	-	-	40,948	-	-	-	40,948	-	222	7	-	-
Strip Permit No. 1215-3(b)														
Equitable Coal Co.	Clarion	-	-	-	22,938	-	-	-	22,938	-	175	9	-	1
Strip Permit No. 1253-1														
Strip Permit No. 1253-3	Venango	-	-	-	12,620	-	-	-	12,620	-	150	5	-	-
Strip Permit No. 1253-4	Venango	-	-	-	23,685	-	-	-	23,685	-	150	4	-	-
Strip Permit No. 1253-5	Venango	-	-	-	20,073	-	-	-	20,073	-	125	8	-	-
Total					79,316	-	-	-	79,316	-	26	-	1	
FW & RR Inc.														
Strip Permit No. 1547-3	Venango	-	-	-	22,173	-	-	-	22,173	-	280	4	-	-
Jack Brothers Construction Co.														
Strip Permit No. 450-10	Venango	-	-	-	15,569	-	-	-	15,569	-	202	3	-	-
Lucas Coal Co., Inc.														
Strip Permit No. 1680-7	Venango	-	-	-	23,475	-	-	-	23,475	-	247	3	-	-
Mineral Hill Corp.														
Strip Permit No. 515-4C	Venango	-	-	-	38,247	-	-	-	38,247	-	297	7	-	-
Pengrove Coal Co.														
Strip Permit No. 74-9	Venango	-	-	-	21,846	-	-	-	21,846	-	194	22	-	-
Strip Permit No. 74-11	Venango	-	-	-	55,041	-	-	-	55,041	-	216	-	-	-
Strip Permit No. 74-12	Venango	-	-	-	182,723	-	-	-	182,723	-	164	-	-	-
Total					259,610	-	-	-	259,610	-	22	-	-	-
Phillips, Merle H.														
Strip Permit No. 613-10	Venango	-	-	-	43,130	-	-	-	43,130	-	297	11	-	-
Rockland Mining Co.														
Strip Permit No. 1106-1A2	Venango	-	-	-	70,444	-	-	-	70,444	-	261	9	-	-
Romanko Brothers Enterprises, Inc.														
Strip Permit No. 1768-1	Venango	-	-	-	-	-	-	-	-	-	15	2	-	-
Siegel, Thomas E.														
Strip Permit No. 1210-6	Clarion	-	-	-	6,149	-	-	-	6,149	-	56	4	-	-
Siegel Coal Co., Harold A.														
Strip Permit No. 8-19	Clarion	-	-	-	86,198	-	-	-	86,198	-	276	25	-	2
Strip Permit No. 8-20	Clarion	-	-	-	6,056	-	-	-	6,056	-	146	-	-	-
Total					92,254	-	-	-	92,254	-	25	-	2	
Weaver Contracting, Inc.														
Strip Permit No. 1356-1	Venango	-	-	-	52,753	-	-	-	52,753	-	280	5	-	-
Strip Permit No. 1356-2	Clarion	-	-	-	6,120	-	-	-	6,120	-	63	2	-	-
Total					58,873	-	-	-	58,873	-	7	-	-	-

District 37

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total		Total		Aver-	
		By Rail	By Water	By Truck	Locally for Domestic Purposes of Coke	Used in Manufacture of Coke	Production of Coal	Production of Coal	Production of Coke	age Days	No. of Em- ployes
Weaver & Sons, A.P.	Clarion	11,780	-	12,197	-	-	23,977	-	-	296)	17)
Strip Permit No. 144-12	Clarion	10,843	-	40,000	-	-	50,843	-	-)	-
Strip Permit No. 144-20	Clarion	-	-	16,578	-	-	16,578	-	-)	-
Strip Permit No. 144-22	Clarion	-	-	68,775	-	-	91,398	-	-)	-
Total		22,623	-								17
Winger Coal Co., Inc.	Venango	-	-	73,182	-	-	73,182	-	-	277	9
Strip Permit No. 401-9	Venango	-	-	19,235	-	-	55,305	-	-	209	5)
Zachert Coal Co., Inc.	Clarion	36,070	-	3,836	-	-	3,836	-	-	42	-
Strip Permit No. 73-26	Venango	-	-	23,071	-	-	59,141	-	-	-	5
Strip Permit No. 73-31	Venango	36,070	-								
Total		430,192	-	1,041,623	-	-	1,471,815	-	-	273	256
District Total											4

NOTE: (a) By Contractor.
 (b) Information taken from monthly reports as no Annual Report was submitted.
 * Men included with those at other operations, same company.

District 38

Adams, Mervin J.	Jefferson	5,195	-	-	-	-	5,195	-	-	179	1	-
Strip Permit No. 1038-162	Jefferson	-	-	-	-	-	-	-	-	-	-	-
Baughman Coal Co., Inc., R.D.	Jefferson	12,327	-	-	-	-	12,327	-	-	195	11	-
Strip Permit No. 151-56	Jefferson	9,179	-	-	-	-	9,179	-	-	88	*	-
Strip Permit No. 151-60	Jefferson	34,453	-	-	-	-	34,453	-	-	205	6	-
Strip Permit No. 151-68	Jefferson	8,368	-	-	-	-	8,368	-	-	85	*	-
Strip Permit No. 151-68(c)A2	Jefferson	64,327	-	-	-	-	64,327	-	-	17	-	-
Total												
Bracken Construction Co.	Jefferson	26,982	-	14,977	-	-	41,959	-	-	267	10	-
Strip Permit No. 169-1	Jefferson	-	-	10,544	-	-	10,544	-	-	309	3	-
Burkett, Maxine L.	Jefferson	-	-	10,348	-	-	10,348	-	-	231	3	-
Strip Permit No. 1308-1C	Jefferson	-	-									
Burkett Coal Co., L. & L.	Jefferson	-	-									
Strip Permit No. 1673-1	Jefferson	-	-									

District 38

Operators and Mines	County	Production of Coal & Coke - Net Tons										Total Production of Coal	Average Days Worked	No. of Employees	Fatal accidents	Non-fatal accidents
		Shipped to Market					Coal Used									
		By Rail	By Water	By Truck	Domestic Purposes	Locally Used in Manufacture of Coke	Coal	for	Domestic Purposes	Locally Used in Manufacture of Coke						
Caylor Coal Co.	Jefferson	-	-	2,274	-	-	2,274	-	108	1	-	-	-	-	-	-
Strip Permit No. 1135-1																
Doverspike Brothers Coal Co.	Jefferson	11,348	-	-	-	-	11,348	-	159	*	-	-	-	-	-	-
Strip Permit No. 343-39	Jefferson	14,575	-	-	-	-	14,575	-	74	*	-	-	-	-	-	-
Strip Permit No. 567-12 & 13	Jefferson	17,859	-	-	-	-	17,859	-	137	5	-	-	-	-	-	-
Strip Permit No. 567-22 & 22A	Jefferson	26,680	-	-	-	-	26,680	-	222	4	-	-	-	-	-	-
Strip Permit No. 567-31	Jefferson	32,723	-	-	-	-	32,723	-	230	4	-	-	-	-	-	-
Strip Permit No. 567-33	Jefferson	8,210	-	-	-	-	8,210	-	72	2	-	-	-	-	-	-
Strip Permit No. 567-34	Jefferson	54,389	-	-	-	-	54,389	-	203	5	-	-	-	-	-	-
Strip Permit No. 567-40 & 44	Jefferson	26,664	-	-	-	-	26,664	-	120	*	-	-	-	-	-	-
Strip Permit No. 567-41	Jefferson	192,448	-	-	-	-	192,448	-	20	-	-	-	-	-	-	-
Total																
Glenn Coal Co., Div. of																
Champion Coal Co., Inc.	Jefferson	-	-	-	-	-	-	-	45	2	-	-	-	-	-	-
Strip Permit No. 343-16	Jefferson	-	-	-	-	-	-	-	62	*	-	-	-	-	-	-
Strip Permit No. 343-18	Jefferson	17,879	-	-	-	-	17,879	-	253	8	-	-	-	-	-	-
Strip Permit No. 343-19	Jefferson	-	-	-	-	-	-	-	93	*	-	-	-	-	-	-
Strip Permit No. 343-20	Jefferson	-	-	8,865	-	-	21,086	-	248	8*	-	-	-	-	-	-
Strip Permit No. 343-24	Jefferson	12,221	-	-	-	-	100	-	150	2	-	-	-	-	-	-
Strip Permit No. 343-25	Jefferson	5,826	-	-	-	-	5,826	-	213	4	-	-	-	-	-	-
Strip Permit No. 1403-5	Jefferson	24,403	-	-	-	-	24,403	-	248	7	-	-	-	-	-	-
Strip Permit No. 1403-9	Jefferson	34,605	-	-	-	-	34,605	-	188	8	-	-	-	-	-	-
Strip Permit No. 1403-10	Jefferson	359	-	-	-	-	359	-	10	*	-	-	-	-	-	-
Strip Permit No. 1403-11	Jefferson	37,812	-	-	-	-	37,812	-	110	*	-	-	-	-	-	-
Strip Permit No. 1403-12	Jefferson	133,205	-	8,865	-	-	142,070	-	39	-	-	-	-	-	-	-
Total																
Harmon Coal Co.	Jefferson	3,144	-	-	-	-	3,144	-	193	6	-	-	-	-	-	-
Strip Permit No. 514-12																
Ingram Coal Co.	Jefferson	80,343	-	-	-	-	80,343	-	289	7	-	-	-	-	-	-
Strip Permit No. 1476-2																
J.O.T. Coal Corp.	Jefferson	-	-	2,446	-	-	2,446	-	78	6	-	-	-	-	-	-
Strip Permit No. 1776-1																
Kann Coal Co., John	Jefferson	90,221	-	45,517	-	-	135,738	-	345	30	-	-	-	-	-	2
Strip Permit No. 621-6																

District 38

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production		Total Production		Average	
		By Rail	By Water	By Truck	For Domestic Purposes	of Coal	of Coke	of Coal	of Coke	Days	No. Fatal
Keystone Mining Co.	Jefferson	-	-	21,431	-	21,431	-	21,431	-	177	6
Strip Permit No. 1647-1	Jefferson	-	-	10,253	-	10,253	-	10,253	-	82	5
Strip Permit No. 1647-2	Jefferson	-	-	31,684	-	31,684	-	31,684	-	11	-
Total											
Markle-Bullers Coal Co.	Jefferson	-	-	-	-	-	-	-	-	41	2
Strip Permit No. 504-34	Jefferson	11,049	-	-	-	11,049	-	11,049	-	158	7
Strip Permit No. 504-37	Jefferson	9,669	-	-	-	9,669	-	9,669	-	134	5
Strip Permit No. 504-38	Jefferson	-	-	-	-	-	-	-	-	13	2
Strip Permit No. 504-39	Jefferson	-	-	-	-	-	-	-	-	74	2
Strip Permit No. 504-41	Jefferson	780	-	-	-	780	-	780	-	153	13
Strip Permit No. 504-42	Jefferson	36,539	-	-	-	36,539	-	36,539	-	31	2
Total		58,037	-	-	-	58,037	-	58,037	-	103	2
Mauersberg Coal Co.	Jefferson	11,776	-	-	-	11,776	-	11,776	-	127	3
Strip Permit No. 344-32	Jefferson	-	-	8,383	-	8,383	-	8,383	-	161	-
Strip Permit No. 157-13	Jefferson	-	-	5,664	-	5,664	-	5,664	-	3	-
Strip Permit No. 157-14	Jefferson	-	-	14,047	-	14,047	-	14,047	-	23	5
Total		-	-	14,047	-	14,047	-	14,047	-	28	-
Neal Coal Corp., Howard	Jefferson	-	-	6,713	-	6,713	-	6,713	-	23	5
Strip Permit No. 1442-1	Jefferson	-	-	3,740	-	3,740	-	3,740	-	28	-
Strip Permit No. 1442-2	Jefferson	-	-	10,453	-	10,453	-	10,453	-	5	-
Total		-	-	10,453	-	10,453	-	10,453	-	235	27
P & N Coal Co., Inc.	Jefferson	-	-	-	-	68,811	-	68,811	-	32	-
Strip Permit No. 32-49	Jefferson	-	-	-	-	-	-	-	-	203	-
Strip Permit No. 32-56(a)	Jefferson	-	-	-	-	38,686	-	38,686	-	221	-
Strip Permit No. 32-83	Jefferson	-	-	-	-	39,707	-	39,707	-	27	-
Strip Permit No. 32-88	Jefferson	-	-	-	-	147,204	-	147,204	-	264	7
Total		117,763	-	29,441	-	147,204	-	147,204	-	73	-
P & Y Coal Co.	Jefferson	17,570	-	-	-	17,570	-	17,570	-	73	10
Strip Permit No. 1583-1	Jefferson	8,235	-	-	-	8,235	-	8,235	-	168	-
Auger-BAN-766	Jefferson	25,805	-	-	-	25,805	-	25,805	-	1	-
Total		1,803	-	-	-	1,803	-	1,803	-	97	1
R.E.M. Coal Co., Inc.	Jefferson	41,761	-	-	-	41,761	-	41,761	-	1	-
Strip Permit No. 932-15	Jefferson	43,564	-	-	-	43,564	-	43,564	-	1	-
Strip Permit No. 932-17	Jefferson	-	-	-	-	-	-	-	-	1	-
Total		-	-	-	-	-	-	-	-	1	-
Red Gap Coal Co.	Jefferson	-	-	-	-	-	-	-	-	97	1
Strip Permit No. 433-8(a)	Jefferson	-	-	-	-	-	-	-	-	1	-

District 38

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Locally		Used in Manu-		Total	
		By Rail	By Water	By Truck	for Domestic Purposes	for Manufacture of Coke	of Coal	Production of Coal	of Coke	Age of Worked	Non-fatal acci-
										Days	dents
Rice Coal Co.	Jefferson	-	-	3,679	-	-	-	3,679	-	130	1
Strip Permit No. 1354-1											
S & M Coal Co.	Jefferson	-	-	3,161	-	-	-	3,161	-	22	8
Strip Permit No. 1005-3(b)											
Strip Permit No. 1005-4(b)	Jefferson	-	-	14,038	-	-	-	14,038	-	115	-
Total		-	-	17,199	-	-	-	17,199	-	-	8
Snyder, Marlin L	Jefferson	-	-	381	-	-	-	381	-	136	2
Strip Permit No. 395-2											1
Stanford, Richard	Jefferson	-	-	14,381	-	-	-	14,381	-	275	3
Strip Permit No. 1205-1											
Spring Valley Coal Corp., Inc.	Jefferson	-	-	3,332	-	-	-	3,332	-	48	5
Strip Permit No. 1723-1											
Stahlman Coal Co., Inc., W.P.	Jefferson	168,317	-	68,227	-	-	-	236,544	-	353	22
Strip Permit No. 9-32											
Strip Permit No. 9-43	Jefferson	121,865	-	22,484	-	-	-	144,349	-	353	18
Strip Permit No. 9-47	Jefferson	-	-	-	-	-	-	-	-	65	*
Strip Permit No. 9-50	Jefferson	22,870	-	33,438	-	-	-	56,308	-	338	12
Strip Permit No. 9-53	Jefferson	44,435	-	31,277	-	-	-	75,712	-	312	9
Strip Permit No. 9-54	Jefferson	9,344	-	109	-	-	-	9,453	-	123	5
Strip Permit No. 9-55	Jefferson	13,277	-	11,534	-	-	-	24,811	-	63	*
Auger-BAM-772	Jefferson	2,363	-	-	-	-	-	2,363	-	21	2
Total		382,471	-	167,069	-	-	-	549,540	-	-	68
Strishock Coal Co.	Jefferson	65,386	-	-	-	-	-	65,386	-	259	10
Strip Permit No. 214-16											
Strip Permit No. 214-17	Jefferson	27,967	-	-	-	-	-	27,967	-	210	4
Total		93,353	-	-	-	-	-	93,353	-	-	14
Twin Brook Coal Co.	Jefferson	2,126	-	-	-	-	-	2,126	-	105	3
Strip Permit No. 1672-1											
Yenzi Coal Co.	Jefferson	-	-	13,659	-	-	-	13,659	-	234	5
Strip Permit No. 1529-1											
District Total		1,330,760	-	400,296	-	-	-	1,731,056	-	249	349
											1
											6

NOTE: (a) Backfilling
 (b) Information taken from monthly reports as no Annual Report was submitted.
 * Men included with those at other operations, same company.

District 38A

Production of Coal & Coke - Net Tons														
		Shipped to Market			Coal Used		Total Produced		Total Produced of Coal		Average No. of Days Worked		Fatal accidents	
		By Rail	By Water	By Truck	for Domestic Purposes	Manu- facture of Coke	Locally for	of Coal	of Coke	of Coke	Days	of Em- ployes	acc- dents	Non-fatal
Operators and Mines														
Baughman Coal Co., Inc., R.D.														
Strip Permit No. 151-66	Jefferson	8,373	-	1,611	-	-	-	9,984	-	262	5	-	-	-
Strip Permit No. 151-70	Jefferson	15,565	-	-	-	-	-	15,565	-	116	5	-	-	-
Strip Permit No. 151-74	Jefferson	32,189	-	-	-	-	-	32,189	-	115	7	-	-	-
Special Permit No. 475	Jefferson	1,170	-	15,829	-	-	-	16,999	-	153	*	-	-	-
Total		57,297	-	17,440	-	-	-	74,737	-	17	-	-	-	-
Becker, Blake Jr.														
Strip Permit No. 1367-1(a)	Jefferson	-	-	9,759	-	-	-	9,759	-	154	9	-	4	-
Strip Permit No. 1367-2(a)	Jefferson	-	-	27,223	-	-	-	27,223	-	231	10	-	12	-
Strip Permit No. 1367-3(a)	Jefferson	-	-	34,706	-	-	-	34,706	-	221	20	-	-	-
Strip Permit No. 1367-4(a)	Jefferson	-	-	15,761	-	-	-	15,761	-	154	5	-	-	-
Total		-	-	87,449	-	-	-	87,449	-	44	-	16	-	-
Benjamin Coal Co.														
Strip Permit No. 64-130	Jefferson	77,318	-	-	-	-	-	77,318	-	254	18	-	1	-
Strip Permit No. 64-137	Jefferson	84,174	-	-	-	-	-	84,174	-	254	8	-	-	-
Strip Permit No. 64-139	Jefferson	90,766	-	-	-	-	-	90,766	-	254	13	-	-	-
Strip Permit No. 64-152	Jefferson	26,951	-	-	-	-	-	26,951	-	122	8	-	-	-
Total		279,209	-	-	-	-	-	279,209	-	47	-	1	-	-
Boyer Coal Co.														
Strip Permit No. 269-6	Jefferson	-	-	790	-	-	-	790	-	66	2	-	-	-
Strip Permit No. 269-7	Jefferson	542	-	4,670	-	-	-	5,212	-	224	-	-	-	-
Total		542	-	5,460	-	-	-	6,002	-	2	-	-	-	-
Brubaker Brothers Coal Co.														
Strip Permit No. 53-4	Jefferson	6,191	-	-	765	-	-	6,956	-	233	3	-	-	-
Calhoun, Dwight M.	Jefferson	-	-	4,605	-	-	-	4,605	-	226	1	-	-	-
Strip Permit No. 262-1	Jefferson	-	-	-	-	-	-	-	-	-	-	-	-	-
Deemer, Fred A. Jr.	Jefferson	-	-	2,848	-	-	-	2,848	-	117	2	-	-	-
Strip Permit No. 1445-1	Jefferson	-	-	2,038	-	-	-	2,038	-	42	-	-	-	-
Strip Permit No. 1445-2	Jefferson	-	-	4,886	-	-	-	4,886	-	2	-	-	-	-
Total		-	-	20,143	-	-	-	20,143	-	132	4	-	-	-
DeSalve Mining														
Strip Permit No. 1711-1	Jefferson	-	-	10,376	-	-	-	10,376	-	298	4	-	-	-
Doan Coal Co.	Jefferson	15,088	-	-	-	-	-	15,088	-	69	*	-	-	-
Strip Permit No. 154-13	Jefferson	1,224	-	5,504	-	-	-	6,728	-	297	4	-	-	-
Strip Permit No. 154-14	Jefferson	13,941	-	6,770	-	-	-	20,711	-	297	4	-	-	-
Strip Permit No. 154-15	Jefferson	30,253	-	22,650	-	-	-	52,903	-	8	-	-	-	-

District 38A

	County	Production of Coal & Coke - Net Tons										No. of Em- ployes	Fatal acci- dents	Non- fatal acci- dents	
		Shipped to Market			Coal Used		Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days Worked	No. of Em- ployes					
		By Rail	By Water	By Truck	Locally for Domestic Purposes	for Manufacture of Coke									
Operators and Mines															
Doverspike Brothers Coal Co.	Jefferson	51,448	-	-	-	-	-	51,448	-	257	4	-	-	-	-
Strip Permit No. 567-35	Jefferson	106,286	-	-	-	-	-	106,286	-	257	13	-	-	-	-
Strip Permit No. 567-36, 37, 47	Jefferson	7,728	-	-	-	-	-	7,728	-	28	*	-	-	-	-
Strip Permit No. 567-42	Jefferson	165,462	-	-	-	-	-	165,462	-		17	-	-	-	-
Total															
Fye, Elmer	Jefferson	-	-	5,500	-	-	-	5,500	-	128	1	-	-	-	-
Strip Permit No. 1008-1	Jefferson	-	-	-	-	-	-	-	-						
Gearhart, Alvin W.	Jefferson	-	-	24,340	-	-	-	24,340	-	190	8	-	-	-	-
Strip Permit No. 632-3	Jefferson	-	-	38,730	-	-	-	38,730	-	220	5	-	-	-	-
Strip Permit No. 632-5	Jefferson	-	-	10,150	-	-	-	10,150	-	70	*	-	-	-	-
Strip Permit No. 632-12	Jefferson	-	-	73,220	-	-	-	73,220	-		13	-	-	-	-
Total															
Glenn Coal Co., Div. of															
Champion Coal Co., Inc.	Jefferson	-	-	-	-	-	-	-	-	77	2	-	-	-	-
Strip Permit No. 343-21	Jefferson	14,618	-	-	-	-	-	14,618	-	226	6	-	-	-	-
Strip Permit No. 1403-4	Jefferson	14,618	-	-	-	-	-	14,618	-		8	-	-	-	-
Total															
K. I. T. Industries	Jefferson	-	-	14,516	-	-	-	14,516	-	270	4	-	-	-	-
Strip Permit No. 1417-164	Jefferson	-	-	35,788	-	-	-	35,788	-			-	-	-	-
Strip Permit No. 1417-5	Jefferson	-	-	50,304	-	-	-	50,304	-		4	-	-	-	-
Total															
Krach & Gearhart	Jefferson	-	-	4,880	-	-	-	4,880	-	61	3	-	-	-	-
Strip Permit No. 1497-1	Jefferson	-	-	64,600	-	-	-	64,600	-	140	9	-	-	-	-
Strip Permit No. 1497-566	Jefferson	-	-	69,480	-	-	-	69,480	-		12	-	-	-	-
Total															
Leasure Coal Co.	Jefferson	-	-	15,714	-	-	-	15,714	-	164	6	-	-	-	-
Strip Permit No. 563-8	Jefferson	-	-	-	-	-	-	-	-						
Mears Coal Co., Inc.	Jefferson	8,014	-	-	-	-	-	8,014	-	192	4	-	-	-	-
Strip Permit No. 1670-1	Jefferson	667	-	-	-	-	-	667	-	7	3	-	-	-	-
Auger-BAM-827	Jefferson	8,681	-	-	-	-	-	8,681	-		7	-	-	-	-
Total															
Owens Coal Mining Co.	Jefferson	-	-	7,737	-	-	-	7,737	-	143	4	-	-	-	-
Strip Permit No. 934-36	Jefferson	-	-	634	-	-	-	634	-	42		-	-	-	-
Strip Permit No. 934-46	Jefferson	-	-	8,371	-	-	-	8,371	-		4	-	-	-	-
Total															

District 38A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Average Days of Worked	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	Production of Coal	Production of Coke	No. of Em- ployes	Fatal acci- dents	Non- fatal acci- dents
P&N Coal Co., Inc.	Jefferson	6,628	-	19,886	-	-	26,514	-	261	11	-
Strip Permit No. 32-85											
R.F.M. Coal Co., Inc.	Jefferson	53,524	-	25,232	-	-	78,756	-	274	8	-
Strip Permit No. 932-11 & 16											
Special Project No. 417	Jefferson	1,159	-	-	-	-	1,159	-	23	2	-
Total		54,683	-	25,232	-	-	79,915	-		10	-
Shaffer Mining Co.	Jefferson	-	-	3,000	-	-	3,000	-	45	4	-
Strip Permit No. 1581-1											
Strip Permit No. 1581-2	Jefferson	-	-	10,375	-	-	10,375	-	110	-	-
Total		-	-	13,375	-	-	13,375	-		4	-
Smith Coal Co., A.A.	Jefferson	-	-	4,791	-	-	4,791	-	92	2	-
Strip Permit No. 1572-1											
Smith Coal Co., Calvin	Jefferson	-	-	53,689	-	-	53,689	-	300	11	-
Strip Permit No. 1494-1											
Stahlman Coal Co., Inc., W.P.	Jefferson	69,322	-	17,327	-	-	86,649	-	314	10	-
Strip Permit No. 9-48											
Starr Coal Co.	Jefferson	-	-	68,500	-	-	68,500	-	303	8	-
Strip Permit 368-4											
Sugar Hill Limestone Co.	Jefferson	16,677	-	49,963	-	-	66,640	-	291	10	-
Strip Permit No. 496-10											
Strip Permit No. 496-11	Jefferson	-	-	8,158	-	-	8,158	-	291	9	-
Strip Permit No. 496-13	Jefferson	12,031	-	18,700	31	-	30,762	-			-
Total		28,708	-	76,821	31	-	105,560	-		19	-
T. & T. Clay & Coal Co.	Jefferson	-	-	11,615	-	-	11,615	-	78	14	-
Strip Permit No. 1126-4											
Thomas Coal Co., Inc.	Jefferson	35,045	-	15,200	-	-	50,245	-	229	5	-
Strip Permit No. 42-20											
Thomas Fuels, Inc.	Jefferson	-	-	9,871	-	-	9,871	-	296	3	-
Strip Permit No. 1615-1											
Williams Coal Co.	Jefferson	-	-	125	35	-	160	-	50	1	-
Strip Permit No. 1712-1											
District Total		756,639	-	701,654	831	-	1,459,124	-	230	298	17

NOTE: (a) Information taken from monthly reports as no Annual Report was submitted.

* Men included with those at other operations, same company.

District 39

[illegible]

District 39

Operators and Mines	County	Production of Coal & Coke - Net Tons										Non-
		Shipped to Market			Coal Used				Total			
		By Rail	By Water	By Truck	Domestic Purposes	Locally for Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average No. Days of Worked	Fatal accidents	Fatal accidents	
Glen Irvan Corp.	Indiana	-	-	10,544	-	-	10,544	-	183	3	-	
Strip Permit No. 671-5	Indiana	-	-	6,755	-	-	6,755	-	136	2	-	
Strip Permit No. 671-8	Indiana	-	-	17,299	-	-	17,299	-	-	5	-	
Total												
Houser, William C	Indiana	-	-	19,199	-	-	19,199	-	275	6	-	
Strip Permit No. 1333-2	Indiana	-	-	19,199	-	-	19,199	-	275	6	-	
Lamkie Coal Co., Inc.	Clearfield	-	-	31,470	-	-	31,470	-	230	22	-	
Strip Permit No. 107-6	Indiana	-	-	56,112	-	-	56,112	-	223	-	-	
Strip Permit No. 107-10	Indiana	-	-	87,582	-	-	87,582	-	22	-	1	
Total												
M & R Coal Co.	Indiana	-	-	9,529	-	-	9,529	-	94	4	-	
Strip Permit No. 1720-1(a)	Indiana	-	-	9,529	-	-	9,529	-	94	4	-	
Marion Center Mining Co.	Indiana	16,529	-	-	-	-	16,529	-	220	4	-	
Strip Permit No. 212-6	Indiana	16,529	-	-	-	-	16,529	-	220	4	-	
McIntire Coal Co., Inc. William	Indiana	-	-	36,967	-	-	36,967	-	287	3	-	
Strip Permit No. 638-6	Indiana	-	-	36,967	-	-	36,967	-	287	3	-	
Mears Coal Co.	Indiana	-	-	-	-	-	-	-	8	*	-	
Strip Permit No. 3-2	Indiana	-	-	-	-	-	-	-	8	*	-	
Strip Permit No. 3-11	Indiana	18,060	-	-	-	-	18,060	-	193	3	-	
Strip Permit No. 3-14	Indiana	7,351	-	-	-	-	7,351	-	241	2	-	
Strip Permit No. 3-16	Indiana	64,879	-	-	-	-	64,879	-	246	4	-	
Strip Permit No. 3-17	Indiana	2,313	-	-	-	-	2,313	-	125	2	-	
Strip Permit No. 3-18	Indiana	7,729	-	-	-	-	7,729	-	165	3	-	
Strip Permit No. 3-20	Indiana	4,672	-	-	-	-	4,672	-	149	2	-	
Auger-BAM-643	Indiana	3,715	-	-	-	-	3,715	-	100	3	-	
Auger-BAM-829	Indiana	1,987	-	-	-	-	1,987	-	34	3	-	
Auger-BAM-847	Indiana	643	-	-	-	-	643	-	12	*	-	
Auger-BAM-848	Indiana	748	-	-	-	-	748	-	11	*	-	
Total		112,097	-	-	-	-	112,097	-	22	-	1	
North Cambria Fuel Co.	Indiana	-	-	-	-	-	-	-	24	5	-	
Strip Permit No. 10-46	Indiana	-	-	-	-	-	-	-	24	5	-	
Oak Tree Coal Co.	Indiana	-	-	9,067	-	-	9,067	-	110	5	-	
Strip Permit No. 1695-1 & 2	Indiana	-	-	9,067	-	-	9,067	-	110	5	-	
Strip Permit No. 1695-4	Indiana	-	-	1,580	-	-	1,580	-	25	-	-	
Total		-	-	10,647	-	-	10,647	-	5	-	-	

District 39

[illegible]

NOTE: * Men included with those at other operations, same company.
(a) Information taken from monthly reports as no Annual Report was submitted.
(b) Backfilling.

District 39A

	County	Production of Coal & Coke - Net Tons										Non-	
		Shipped to Market		Coal Used		Used in		Total		Total			
		By Rail	By Water	By Truck	for Domestic Purposes	for Manufacture of Coke	Manu-	Production of Coal	Production of Coke	Age Days	No. of Worked	Fatal acci-	
							facture				players	dents	
Operators and Mines													
ALC Coal Co., Inc.													
Strip Permit No. 1111-6 & 6A	Indiana	-	-	25,941	-	-	-	25,941	-	-	185	2	
Strip Permit No. 1111-9(A)2, 3	Indiana	-	-	11,560	-	-	-	11,560	-	-	69	2	
Strip Permit No. 1111-11 & 11A	Indiana	-	-	575	-	-	-	575	-	-	20	2	
Total		-	-	38,076	-	-	-	38,076	-	-	6	-	
Ankeny, Donald													
Strip Permit No. 287-12	Indiana	-	-	66,434	-	-	-	66,434	-	-	240	14	
Bee Construction Co.													
Special Project No. 460(a)	Indiana	-	-	7,493	-	-	-	7,493	-	-	95	4	
Beilchick Brothers													
Strip Permit No. 95-1	Indiana	-	-	14,230	-	-	-	14,230	-	-	100	6	
Strip Permit No. 95-3	Indiana	-	-	36,360	-	-	-	36,360	-	-	110	6	
Total		-	-	50,590	-	-	-	50,590	-	-	12	-	
Bennett Coal Co.													
Strip Permit No. 924-1, 2 & 4	Indiana	-	-	-	6,210	-	-	6,210	-	-	161	4	
Strip Permit No. 924-3 & 5	Indiana	-	-	-	14,458	-	-	14,458	-	-	242	2	
Total		-	-	-	20,668	-	-	20,668	-	-	6	-	
Bentley Coal Co., Inc.													
Strip Permit No. 938-6	Indiana	-	-	71,679	-	-	-	71,679	-	-	226	5	
Strip Permit No. 1207-4 (b)	Indiana	-	-	34,164	-	-	-	34,164	-	-	226	4	
Total		-	-	105,843	-	-	-	105,843	-	-	9	-	
Buterbaugh Construction Co.													
Strip Permit No. 1482-1	Indiana	-	-	-	11,701	-	-	11,701	-	-	116	11	
Strip Permit No. 1482-2	Indiana	-	-	-	15,461	-	-	15,461	-	-	167	3	
Auger-BAM-786	Indiana	-	-	-	2,588	-	-	2,588	-	-	17	3	
Total		-	-	-	29,750	-	-	29,750	-	-	14	-	
C & C Coal Co.													
Strip Permit No. 1197-4	Indiana	-	-	-	2,735	-	-	2,735	-	-	57	*	
Strip Permit No. 1197-6	Indiana	-	-	-	27,768	-	-	27,768	-	-	137	3	
Strip Permit No. 1197-7	Indiana	-	-	-	3,394	-	-	3,394	-	-	134	2	
Strip Permit No. 1197-8	Indiana	-	-	-	12,900	-	-	12,900	-	-	81	3	
Auger-BAM-775	Indiana	-	-	-	1,599	-	-	1,599	-	-	12	2	
Total		-	-	-	48,396	-	-	48,396	-	-	10	-	

		Production of Coal & Coke - Net Tons							
		Shipped to Market			Coal Used		Total Production		
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	- tion of Coal		
	County								
Operators and Mines	Dunkard Creek Coal, Inc.	-	-	9,039	-	-	9,039	-	
	Strip Permit No. 939-2	-	-	12,657	-	-	12,657	-	
	Strip Permit No. 939-5	-	-	7,634	-	-	7,634	-	
	Auger-BAM-659	-	-	29,330	-	-	29,330	15	
	Total								
	Fello, Thomas A.	-	-	1,475	-	-	1,475	-	
	Strip Permit No. 572-4	-	-	1,300	-	-	1,300	2)	
	Strip Permit No. 572-5	-	-	2,775	-	-	2,775	41)	
	Total							2	
Foreman, Edward	Special Project No. 405	-	-	32	-	-	32	43 1	
	Freepoot Coal Co., Inc.	-	-	7,221	-	-	7,221	67 4	
	Strip Permit No. 1553-1&2	-	-	12,479	-	-	12,479	190 2	
	Glory Coal Co., Inc.	-	-	79,453	-	-	79,453	262 14	
	Strip Permit No. 1462-1	-	-	7,474	-	-	7,474	128 *	
	Hawk Contracting Inc.	-	-	102,744	-	-	102,744	287 14	
	Strip Permit No. 1259-5	-	-	189,671	-	-	189,671	28	
	Strip Permit No. 1259-6	-	-		-	-			
Head Coal Co.	Strip Permit No. 124-9	68,548	-	-	-	-	68,548	262 6	
	Homer City Coal Co.	-	-	8,427	-	-	8,427	110 4	
	Strip Permit No. 38-14	-	-	4,035	-	100	4,135	45 4	
	Mac-Mar Inc.	-	-		-	-			
	Special Project No. 529	-	-		-	-			
	Marion Center Mining Co.	7,086	-	-	-	-	7,086	218 3	
	Strip Permit No. 212- 8	-	-	20,148	-	-	20,148	262) 3)	
	McIntire Coal Co., Inc, William J.	-	-	1,596	-	-	1,596)	
	Strip Permit No. 638-7	-	-	21,744	-	-	21,744	3	
	Auger-BAM-820	-	-		-	-			
Negley Coal Co.	Strip Permit No. 1467-1	-	-	14,980	-	-	14,980	262 2	
	Strip Permit No. 1467-2	-	-	1,347	-	-	1,347	64 1	
	Total			16,327	-	-	16,327	3	

District 39A

	County	Production of Coal & Coke - Net Tons										Fatal acci- dents
		Shipped to Market		Locally for		Used in Manufacture of Coke		Total Production of Coal		Total Production of Coke		
Operators and Mines		By Rail	By Water	By Truck	Domestic Purposes	for	Manu- facture	of Coal	Days of Em- ployes	Aver- age No. Worked	No. Fatal acci- dents	
North Cambria Fuel Co.												
Strip Permit No. 10-21A4	Indiana	10,477	-	76,191	-	-	-	86,668	219	11	2	
Strip Permit No. 10-29	Indiana	17,121	-	25,863	-	-	-	42,984	200	13	3	
Strip Permit No. 10-30A	Indiana	-	-	-	-	-	-	-	21	*	-	
Strip Permit No. 10-35A	Indiana	20,666	-	33,227	-	-	-	53,893	229	10	3	
Strip Permit No. 10-39	Indiana	-	-	6,267	-	-	-	6,267	147	11	-	
Strip Permit No. 10-40	Indiana	6,686	-	22,773	-	-	-	29,459	187	4	-	
Strip Permit No. 10-43	Indiana	8,122	-	6,249	-	-	-	14,371	159	*	-	
Strip Permit No. 10-44	Indiana	2,713	-	24,735	-	-	-	27,448	177	4	-	
Auger-BAM-808	Indiana	4,506	-	7,488	-	-	-	11,994	1	-	-	
Total		70,291	-	202,793	-	-	-	273,084	54	54	8	
Old Home Manor, Inc.												
Strip Permit No. 615-1	Indiana	-	-	-	-	-	-	-	218	6	-	
Strip Permit No. 615-4	Indiana	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 615-6	Indiana	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 615-10	Indiana	-	-	-	-	-	-	-	190	*	-	
Strip Permit No. 615-12	Indiana	-	-	138,319	-	-	-	138,319	218	32	-	
Strip Permit No. 615-22	Indiana	-	-	20,277	-	-	-	20,277	181	3	-	
Strip Permit No. 615-28	Indiana	-	-	-	-	-	-	-	176	*	-	
Special Project No. 445	Indiana	-	-	31,266	-	-	-	31,266	122	13	-	
Total		-	-	189,862	-	-	-	189,862	54	54	-	
Pelbro Fuel Inc.												
Strip Permit No. 1518-1(C)	Indiana	-	-	68,928	-	-	-	68,928	226	10	-	
Strip Permit No. 1518-2	Indiana	-	-	21,126	-	-	-	21,126	150	*	-	
Auger-BAM-843	Indiana	-	-	2,456	-	-	-	2,456	19	4	-	
Total		-	-	92,510	-	-	-	92,510	14	14	-	
Peles Coal Co., Inc.												
Strip Permit No. 612-5	Indiana	-	-	21,971	-	-	-	21,971	158	4	-	
R & L Development Co.												
Strip Permit No. 1237-1	Indiana	-	-	5,087	-	-	-	5,087	82	3	-	
Strip Permit No. 1237-2	Indiana	-	-	127	-	-	-	127	38	-	-	
Total		-	-	5,214	-	-	-	5,214	3	3	-	
Rochester & Pittsburgh Coal Co.												
Strip Permit No. 482-10 Refuse	Indiana	7,385	-	19,535	-	-	-	26,920	103	7	-	
Strip Permit No. 482-11	Indiana	71,232	-	774	-	-	-	72,006	136	6	-	
Total		78,617	-	20,309	-	-	-	98,926	13	13	-	

District 39A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Average Days Worked	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	tion of Coal	tion of Coke	age of Em- ployes	Fatal acci- dents	Non- fatal acci- dents
Sable, James R. Strip Permit No. 1524-1 Shaw Coal Co.	Indiana	-	-	-	-	-	-	-	36	2	-
Strip Permit No. 1335-1 Refuse	Indiana	-	-	6,863	-	-	6,863	-	40	3	-
Strip Permit No. 1335-2	Indiana	-	-	20,503	-	-	20,503	-	201	5	-
Total		-	-	27,366	-	-	27,366	-		8	-
Smiths Blacktop Paving Co. Special Project No. 304 Weimer, John	Indiana	-	-	-	-	-	-	-	36	2	-
Strip Permit No. 630-1	Indiana	-	-	6,549	-	-	6,549	-	166	1	-
West Lebanon Coal, Inc.	Indiana	-	-	65,631	-	-	65,631	-	192	20	-
Strip Permit No. 1376-1	Indiana	-	-	5,813	-	-	5,813	-	13	-	-
Strip Permit No. 1376-2	Indiana	-	-	71,444	-	-	71,444	-	20	-	-
Total		-	-	6,449	-	-	6,449	-	24	2	-
Woods Coal Co. Strip Permit No. 1113-1 Refuse	Indiana	-	-	1,204,944	98,914	-	1,528,400	-	204	327	8
District Total		224,542	-	-	-	-	-	-	-	-	-

NOTE: (a) Information taken from monthly reports as no Annual Report was submitted.

(b) Formerly operated by the M&M Mining, Inc.

* Men included with those at other operations, same company.

District 40

Ardel Natural Resources(Pa.) Inc. Strip Permit No. 1410-1	Somerset	-	-	930	-	-	930	-	100	-	-
Strip Permit No. 1410-3	Somerset	-	-	3,463	-	-	3,463	-	100	12	-
Total		-	-	4,393	-	-	4,393	-		12	-
B B L Enterprises, Inc. Strip Permit No. 1143-5 Beener, C. Edward	Somerset	-	-	18,121	-	-	18,121	-	160	8	-
Strip Permit No. 1211-1	Somerset	-	-	-	-	-	-	-	6	4	-
Strip Permit No. 1211-2	Somerset	-	-	27,370	7	-	27,377	-	300	-	-
Total		-	-	27,370	7	-	27,377	-		4	-

District 40

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	Purposes of Coke	Total Production of Coal	Locally for Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Average Days of Worked	Non-Fatal Fatal accidents
Better Mining, Inc.	Somerset	-	-	24,845	-	24,845	-	-	24,845	198	15)
Strip Permit No. 1220-5	Somerset	-	-	1,174	-	1,174	-	-	1,174	81)
Strip Permit No. 1220-7	Somerset	-	-	26,019	-	26,109	-	-	26,109	15	-
Total											
Bravall Mining, Inc.	Somerset	-	-	-	-	-	-	-	-	110	*
Strip Permit No. 1372-1(a)	Somerset	-	-	18,108	-	18,108	-	-	18,108	182	8
Strip Permit No. 1372-2	Somerset	-	-	42,904	-	42,904	-	-	42,904	266	8
Strip Permit No. 1372-3	Somerset	-	-	61,012	-	61,012	-	-	61,012	16	1
Total											
Coal Junction Coal Co.	Somerset	996	-	332	-	1,328	-	-	1,328	5	*
Strip Permit No. 45-12	Somerset	15,597	-	5,198	-	20,795	-	-	20,795	203	3
Strip Permit No. 45-13	Somerset	5,695	-	1,898	-	7,593	-	-	7,593	203	3
Strip Permit No. 45-14	Somerset	4,277	-	1,425	-	5,702	-	-	5,702	203	2
Strip Permit No. 45-16	Somerset	23,846	-	7,968	60	31,874	-	-	31,874	203	4
Strip Permit No. 45-17	Somerset	50,411	-	16,821	60	67,292	-	-	67,292	12	-
Total											
Croner, Inc.	Somerset	2,347	-	15,697	-	18,044	-	-	18,044	250	5
Strip Permit No. 148-16	Somerset	4,424	-	18,136	-	22,560	-	-	22,560	250	5
Strip Permit No. 148-21	Somerset	6,771	-	38,833	-	40,604	-	-	40,604	10	-
Total											
Doraville Enterprises	Somerset	-	-	642	-	642	-	-	642	38)
Strip Permit No. 670-2A	Somerset	-	-	35,682	-	35,682	-	-	35,682	254	9)
Strip Permit No. 670-3 & 4	Somerset	-	-	36,324	-	36,324	-	-	36,324	9	-
Total											
Drumond Coal Co.	Somerset	-	-	5,660	-	5,660	-	-	5,660	189	3
Strip Permit No. 1635-1	Somerset	-	-	5,845	-	5,845	-	-	5,845	129	4
Environmental Mining Co., Inc.	Somerset	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1435-1C	Somerset	-	-	-	-	-	-	-	-	-	-
Fetterolf Coal Co., Inc., M.F.	Somerset	-	-	35,417	-	35,417	-	-	35,417	205	14
Strip Permit No. 216-32	Somerset	-	-	74,117	-	74,117	-	-	74,117	219	11
Strip Permit No. 216-39	Somerset	-	-	73,711	-	73,711	-	-	73,711	213	14
Strip Permit No. 216-48	Somerset	-	-	183,245	-	183,245	-	-	183,245	39	-
Total											
G. M. & W. Coal Co.	Somerset	-	-	14,696	-	14,696	-	-	14,696	40	13
Strip Permit No. 1067-2(b)	Somerset	-	-	-	-	-	-	-	-	-	-

District 40

[illegible]

District 40

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Used in				
		By Rail	By Water	By Truck	By Domestic Purposes of Coke	Manu- facture of Coke	Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days of Em- ployes	Fatal acci- dents	Non- fatal acci- dents
Svonavec, Inc.	Somerset	11,662	-	-	-	-	11,662	-	83	*	-
Strip Permit No. 553-9A269A3	Somerset	28,630	-	-	-	-	28,630	-	204	8	-
Strip Permit No. 553-10	Somerset	10,868	-	-	-	-	10,868	-	181	7	-
Strip Permit No. 553-12	Somerset	51,361	-	-	-	-	51,361	-	162	10	-
Strip Permit No. 553-14	Somerset	35,352	-	-	-	-	35,352	-	168	9	-
Strip Permit No. 553-15	Somerset	43,175	-	-	-	-	43,175	-	129	*	-
Strip Permit No. 553-16	Somerset	10,275	-	-	-	-	10,275	-	37	10	-
Strip Permit No. 553-17	Somerset	191,323	-	-	-	-	191,323	-	44	-	-
Total											
Yellow Run Coal Co.	Somerset	-	-	8,524	-	-	8,524	-	199	5	-
Strip Permit No. 1646-1	Somerset	376,314	-	684,546	67	-	1,060,927	-	220	369	8
District Total											

NOTE: (a) Backfilling
 (b) Information taken from monthly reports as no Annual Report was submitted.
 (*) Men included with those at other operations, same company.

District 40A

American Mining Co.	Somerset	-	-	11,069	-	-	11,069	-	147	2	-
Strip Permit No. 1464-1	Somerset	-	-	-	-	-	-	-	-	-	-
Ardel Natural Resources (Pa.) Inc.	Somerset	-	-	1,288	-	-	1,288	-	129	7	-
Strip Permit No. 1410-4	Somerset	-	-	-	-	-	-	-	-	-	-
Bitner Coal Co.	Somerset	-	-	5,362	105	-	5,467	-	299	2	1
Strip Permit No. 1249-1	Somerset	-	-	-	-	-	-	-	-	-	-
Black Diamond Coal Co.	Somerset	-	-	3,000	-	-	3,000	-	16	5	-
Strip Permit No. 825-4A	Somerset	-	-	-	-	-	-	-	-	-	-
Blue Lick Coal Co., Inc.	Somerset	59,101	-	7,467	-	-	66,568	-	225	14	-
Strip Permit No. 1657-1	Somerset	27,147	-	7,197	-	-	34,344	-	170	14	-
Strip Permit No. 1657-2	Somerset	86,248	-	14,664	-	-	100,912	-	28	28	1
Total											
Brant Mining Co., C.	Somerset	-	-	4,800	-	-	4,800	-	200	2	-
Strip Permit No. 610-2	Somerset	-	-	-	-	-	-	-	-	-	-

District 40A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Coal		Total Production of Coal		Total Production of Coke	
		By Rail	By Water	By Truck	for Domestic Purposes	Locally for	Manu- facture of	of Coal	of Coke	Average Days Worked	Non-Fatal Fatal
Finkel, Stanley W.	Somerset	-	-	1,253	-	-	-	1,253	-	74	4
Strip Permit No. 1754-1											
Fogle, Roland D.	Somerset	-	-	6,845	-	-	-	6,845	-	31	2
Special Project No. 535											
General Refractories Co.	Somerset	-	-	9,464	-	-	-	9,464	-	240	3
Strip Permit No. 560-1A & 3											
Glessner Mines	Somerset	-	-	-	44,335	-	-	44,335	-	218	23
Strip Permit No. 1612-1					8,347	-	-	8,347	-	40	-
Strip Permit No. 1612-2	Somerset	-	-	-	52,682	-	-	52,682	-	-	23
Total											
Glessner Mines, R. H.	Somerset	-	-	-	8,020	-	-	8,020	-	118	5
Strip Permit No. 221-10											
Hay Mining, Robert F.	Somerset	-	-	6,603	-	-	-	6,603	-	84	3
Strip Permit No. 1726-1											
King Coal Co.	Somerset	173	-	27,684	-	-	-	27,857	-	223	8
Strip Permit No. 1566-3											
Miller, Harold E.	Somerset	-	-	3,282	-	-	-	3,282	-	71	2
Strip Permit No. 1527-1											
Onyx Mining Inc.	Somerset	-	-	2,650	-	-	-	2,650	-	110	3
Strip Permit No. 1662-1					-	-	-	8,390	-	140	3
Strip Permit No. 1662-2	Somerset	-	-	1,900	-	-	-	1,900	-	40	-
Strip Permit No. 1662-3	Somerset	-	-	12,940	-	-	-	12,940	-	9	1
Total											
Penn Pochontas Coal Co.	Somerset	91,023	-	209	175	-	-	91,407	-	227	16
Strip Permit No. 651-1		646	-	-	-	-	-	646	-	-	1
Strip Permit No. 651-3	Somerset	25,685	-	-	-	-	-	25,685	-	-	10
Strip Permit No. 651-5	Somerset	-	-	-	-	-	-	-	-	-	1
Strip Permit No. 651-6	Somerset	-	-	-	-	-	-	-	-	-	4
Strip Permit No. 651-8	Somerset	7,862	-	-	-	-	-	7,862	-	-	15
Strip Permit No. 651-10	Somerset	69,585	-	159	185	-	-	69,929	-	-	16
Strip Permit No. 651-11	Somerset	116,546	-	267	-	-	-	116,813	-	-	63
Total		311,347	-	635	360	-	-	312,342	-	-	8
S&S Coal Co.	Somerset	-	-	-	-	-	-	-	-	176	8
Strip Permit No. 534-6(a)				18,312	-	-	-	18,312	-	230	-
Strip Permit No. 534-7	Somerset	-	-	18,312	-	-	-	18,312	-	-	-
Total											

District 40A

	County	Production of Coal & Coke - Net Tons										Non-
		Shipped to Market		Coal Used Locally		Total Production of Coal		Total Production of Coke		Average No. of Days Worked		
		By Rail	By Water	By Truck	Domestic Purposes	for Manufacture of Coke	of Coal	of Coke	of Coal	of Coke	Days	Fatal accidents
Operators and Mines												
Sanner Coal Co., Div. of River Hill Coal Co., Inc.	Somerset	27,000	-	50,176	6,200	-	83,376	-	273	7	-	-
Strip Permit No. 308-9	Somerset	-	-	37,435	-	-	37,435	-	273	1	-	-
Strip Permit No. 308-10	Somerset	-	-	-	-	-	-	-	192	1	-	-
Strip Permit No. 308-11	Somerset	-	-	-	-	-	-	-	192	1	-	-
Strip Permit No. 308-12	Somerset	-	-	-	-	-	-	-	225	4	-	-
Strip Permit No. 308-13	Somerset	8,000	-	7,300	-	-	15,300	-	273	15	-	-
Strip Permit No. 308-14	Somerset	12,000	-	75,965	-	-	87,965	-	192	2	-	-
Strip Permit No. 308-15	Somerset	6,000	-	3,929	-	-	9,929	-	273	5	-	-
Strip Permit No. 308-16	Somerset	13,000	-	35,836	-	-	48,836	-	49	*	-	-
Strip Permit No. 308-18	Somerset	-	-	9,254	-	-	9,254	-	192	2	-	-
Strip Permit No. 308-19	Somerset	-	-	10,412	-	-	10,412	-	81	6	-	-
Strip Permit No. 308-23	Somerset	2,000	-	9,660	-	-	11,660	-	30	*	-	-
Strip Permit No. 308-25	Somerset	-	-	3,179	-	-	3,179	-	-	-	-	-
Total		68,000	-	243,146	6,200	-	317,346	-	119	2	-	-
Sanner Brothers Coal Co.	Somerset	-	-	6,407	-	-	6,407	-	193	2	-	-
Strip Permit No. 308-20	Somerset	-	-	12,671	-	-	12,671	-	120	9	-	-
Scurfield Coal, Inc.	Somerset	-	-	6,650	-	-	6,650	-	-	-	-	-
Strip Permit No. 256-11	Somerset	-	-	19,321	-	-	19,321	-	-	11	-	-
Strip Permit No. 256-12	Somerset	-	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-	-
Shafer Coal Co., Walter F.	Somerset	-	-	37,503	-	-	37,503	-	261	8	-	-
Strip Permit No. 776-2	Somerset	-	-	-	-	-	-	-	59	2	-	-
Slifco Brothers Coal Co.	Somerset	-	-	1,029	-	-	1,029	-	-	-	-	-
Strip Permit No. 257-1	Somerset	-	-	-	-	-	-	-	-	-	-	-
Soberdash Coal & Coke Co.	Somerset	-	-	51,514	-	-	51,514	-	282	10	-	-
Strip Permit No. 111-46	Somerset	-	-	38,888	-	-	38,888	-	285	-	-	-
Strip Permit No. 111-54	Somerset	-	-	90,402	-	-	90,402	-	-	10	-	-
Total		-	-	-	-	-	-	-	-	-	-	-
Star Coal Co.	Somerset	-	-	-	-	-	-	-	37	2	-	-
Strip Permit No. 554-1(a)	Somerset	-	-	-	-	-	-	-	69	-	-	-
Strip Permit No. 554-2(a)	Somerset	-	-	-	-	-	-	-	-	2	-	-
Total		-	-	-	-	-	-	-	-	-	-	-
Summit Coal Co.	Somerset	-	-	4,025	-	-	4,025	-	48	-	-	-
Strip Permit No. 190-1(CA3)(b)	Somerset	-	-	11,795	-	-	11,795	-	120	4	-	-
Strip Permit No. 1724-1	Somerset	-	-	35,316	-	-	35,316	-	188	8	-	-
Special Project No. 425	Somerset	-	-	18,104	-	-	18,104	-	155	*	-	-
Special Project No. 461	Somerset	-	-	9,279	-	-	9,279	-	104	*	-	-
Special Project No. 486	Somerset	-	-	-	-	-	-	-	-	-	-	-

District 40A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market	By Rail	By Water	By Truck	Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	Non-Fatal Fatal Fatal
Summit Coal Co. (continued)											
Total		-	-	-	-	-	-	78,519	-	-	12
Sun Coal Co.		-	-	-	-	-	-	127,578	-	286	18
Strip Permit No. 1441-2, 3 & 4	Somerset	-	-	-	-	-	-	127,578	-	286	18
Three S Coal Co.		-	-	-	-	-	-	31,165	-	267	3
Strip Permit No. 824-4	Somerset	-	-	-	-	-	-	31,165	-	267	3
Walker, Robert H.		-	-	-	-	-	-	6,498	-	197	1
Strip Permit No. 1474-1	Somerset	-	-	-	-	-	-	6,498	-	197	1
District Total		535,547	-	-	1,079,051	61,113	-	1,675,711	-	209	397

NOTE: (a) Backfilling.
 (b) Formerly operated by Beachy & Beachy Coal Company.
 * Men included with those at other operations, same company.

District 41											
Alumbaugh Coal Corp.											
Strip Permit No. 84-7	Somerset	-	-	-	-	-	-	49,152	-	255	17
Strip Permit No. 84-10	Somerset	-	-	-	-	-	-	70,898	-	255	11
Auger-BAM-731	Somerset	-	-	-	-	-	-	1,520	-	25	4
Total		-	-	-	-	-	-	121,570	-	-	32
Badger Coal Co., Inc.											
Strip Permit No. 325-3	Somerset	-	-	-	-	-	-	22,230	-	198	3
Strip Permit No. 325-6	Somerset	-	-	-	-	-	-	18,502	-	205	3
Total		-	-	-	-	-	-	40,732	-	-	6
Balough Mining Co.											
Special Project No. 484	Somerset	-	-	-	-	-	-	1,404	-	148	1
Bigan Coal Co., M.H.											
Strip Permit No. 657-4	Somerset	-	-	-	-	-	-	765	-	63	5
Strip Permit No. 657-5	Somerset	-	-	-	-	-	-	4,332	-	56	-
Total		-	-	-	-	-	-	5,097	-	-	5
Bigan Estate, John E.											
Strip Permit No. 291-5	Somerset	-	-	-	-	-	-	12,557	-	195	2
Boomdown Coal Co., Inc.											
Strip Permit No. 1282-2&3	Somerset	-	-	-	-	-	-	90,637	-	264	14

District 41

	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Coal		Total		Aver-	
		By Rail	By Water	By Truck	for Domestic Purposes	for Manufacture of Coke	Manu-	Produc-	tion of Coal	Days of Em-	Fatal acci-
							facture	tion of		ployes	dents
Operators and Mines											
Grant Coal Co., Inc.	Somerset	-	-	28,337	-	-	-	28,337	-	176	6
Strip Permit No. 194-4	Somerset	-	-	-	-	-	-	-	1	120	1
Strip Permit No. 194-7(a)	Somerset	-	-	-	-	-	-	-	-	-	-
Total		-	-	28,337	-	-	-	28,337	-	7	-
C&P Coal Co., Inc.	Somerset	-	-	30,811	-	-	-	30,811	-	234	6
Cardinal Mining Co.	Somerset	-	-	18,602	-	-	-	18,602	-	119	15
Strip Permit No. 618-6	Somerset	-	-	5,681	-	-	-	5,681	-	23	-
Strip Permit No. 618-8	Somerset	-	-	24,283	-	-	-	24,283	-	15	-
Total		-	-	78,024	-	-	-	78,024	-	40	-
Conemaugh Coal & Construction Corp.	Somerset	-	-	10,616	-	-	-	10,616	-	122	11
Strip Permit No. 1070-3	Somerset	-	-	52,910	-	-	-	52,910	-	224	16
Diamond T. Coal Co.	Somerset	-	-	267,759	-	-	-	267,759	-	249	24
Strip Permit No. 544-1	Somerset	-	-	320,669	-	-	-	320,669	-	40	-
Strip Permit No. 544-2	Somerset	-	-	-	-	-	-	-	-	-	-
Total		-	-	636,885	-	-	-	636,885	-	40	-
Doraville Enterprises	Somerset	-	-	-	-	-	-	-	-	43	3
Strip Permit No. 670-5	Somerset	-	-	7,700	-	-	-	7,700	-	178	5
East Ridge Mining Co.	Somerset	-	-	10,300	-	-	-	10,300	-	90	3
Strip Permit No. 720-1A-4	Somerset	-	-	9,200	-	-	-	9,200	-	140	-
Strip Permit No. 720-2	Somerset	-	-	27,200	-	-	-	27,200	-	8	-
Strip Permit No. 720-3	Somerset	-	-	-	-	-	-	-	-	-	-
Total		-	-	45,100	-	-	-	45,100	-	3	-
Fetterolf Coal Co., Inc., M.F.	Somerset	-	-	-	-	-	-	-	-	99	3
Strip Permit No. 216-24(a)	Somerset	-	-	-	-	-	-	-	-	23	-
Strip Permit No. 216-37(a)	Somerset	-	-	35,174	-	-	-	35,174	-	208	15
Strip Permit No. 216-43	Somerset	-	-	7,030	-	-	-	7,030	-	99	-
Strip Permit No. 216-49	Somerset	-	-	42,204	-	-	-	42,204	-	18	-
Total		-	-	83,378	-	-	-	83,378	-	40	(b)
Gleasner Mines	Somerset	-	-	-	-	-	-	-	-	118	5
Strip Permit No. 1612-2	Somerset	-	-	-	8,020	-	-	8,020	-	-	-
Gleasner Mines, R. H.	Somerset	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 221-10	Somerset	-	-	2,244	-	-	-	2,244	-	86	5
H&H Coal Co.	Somerset	-	-	17,856	-	-	-	17,856	-	229	6
Strip Permit No. 1348-1	Somerset	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1348-2	Somerset	-	-	-	-	-	-	-	-	-	-

District 41

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production		Average		Fatal	
		By Rail	By Water	By Truck	For Domestic Purposes	Locally	Used in Manufacture of Coal	Age	Days of Worked	Accidents	Deaths
H&H Coal Co. (continued)	Somerset	-	-	56,087	-	-	-	-	221	8	1
Strip Permit No. 1348-3	Somerset	-	-	16,899	-	-	-	-	116	7	-
Strip Permit No. 1348-4	Somerset	-	-	93,086	-	-	-	-	26	-	-
Total											
Hesbon Coal Co., Inc.	Somerset	3,087	-	-	-	-	-	3,087	125	3	-
Strip Permit No. 200-3	Somerset	-	-	-	-	-	-	-	241	14	-
J&P Mining Co., Inc.	Somerset	-	-	27,484	-	-	-	-	-	-	-
Strip Permit No. 1191-3&4											
K&G Coal Co.	Somerset	-	-	19,794	-	-	-	-	215	6	-
Strip Permit No. 1198-1	Somerset	-	-	2,275	-	-	-	-	47	*	-
Strip Permit No. 1198-2	Somerset	-	-	17,305	-	-	-	-	238	7	-
Strip Permit No. 1198-3	Somerset	-	-	9,987	-	-	-	-	91	6	-
Strip Permit No. 1198-4	Somerset	-	-	5,177	-	-	-	-	46	*	-
Strip Permit No. 1198-5	Somerset	-	-	-	-	-	-	-	36	*	-
Strip Permit No. 1198-6	Somerset	-	-	54,538	-	-	-	-	19	-	-
Total											
Lasky Construction Co., Inc.	Somerset	-	-	-	-	-	-	-	145	1	-
Strip Permit No. 217-8	Somerset	-	-	-	-	-	-	-	300	3	-
Strip Permit No. 217-9C	Somerset	-	-	149,880	-	-	-	-	300	19	-
Strip Permit No. 217-10	Somerset	-	-	149,880	-	-	-	-	23	-	-
Total											
Loehrie, Gilbert	Somerset	-	-	11,700	-	-	-	-	89	3	-
Strip Permit No. 1554-1	Somerset	-	-	-	-	-	-	-	198	3	-
Metco Mining & Minerals, Inc.	Somerset	-	-	12,000	-	-	-	-	-	-	-
Strip Permit No. 1312-4											
PBS Coals, Inc.	Somerset	66,504	-	-	-	-	-	-	263	18	-
Strip Permit No. 222-6	Somerset	21,715	-	-	-	-	-	-	221	8	-
Strip Permit No. 222-7	Somerset	54,665	-	-	-	-	-	-	263	21	-
Strip Permit No. 222-21	Somerset	30,683	-	-	-	-	-	-	248	8	-
Strip Permit No. 222-25	Somerset	173,567	-	-	-	-	-	-	55	-	-
Total											
Penn Somerset Corp.	Somerset	-	-	8,321	-	-	-	-	232	3	-
Strip Permit No. 906-9											
Ram Construction Co.	Somerset	-	-	17,565	-	-	-	-	250	12	-
Strip Permit No. 1212-3											
Schmidt Coal Co., William	Somerset	-	-	9,227	-	-	-	-	153	1	-
Strip Permit No. 1531-1C											

District 41

	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Locally Used in		Total Production		Total Production		Average Days of Worked	
		By Rail	By Truck	By Water	By Domestic Purposes	of Coal	of Coke	of Coal	of Coke	age	Non-fatal fatal
											accidents
Operators and Mines											
Scurfield Coal, Inc.											
Strip Permit No. 256-8	Somerset	-	28,896	-	-	28,896	-	28,896	-	219	16)
Strip Permit No. 256-9	Somerset	-	29,691	-	-	29,691	-	29,691	-	219	-
Total		-	58,587	-	-	58,587	-	58,587	-	16	-
Shade Mining Co.											
Strip Permit No. 107-3	Somerset	-	1,800	-	-	1,800	-	1,800	-	77	*
Strip Permit No. 1179-1	Somerset	-	10,526	-	-	10,526	-	10,526	-	207	16
Strip Permit No. 1179-2	Somerset	-	-	-	-	-	-	-	-	3	*
Strip Permit No. 1179-5	Somerset	-	45,937	-	-	45,937	-	45,937	-	263	15
Strip Permit No. 1179-6	Somerset	-	46,339	-	-	46,339	-	46,339	-	152	*
Auger-BAY-758	Somerset	-	6,647	-	-	6,647	-	6,647	-	82	*
Total		-	111,249	-	-	111,249	-	111,249	-	31	-
Shaffer, Myron											
Strip Permit No. 359-5	Somerset	-	9,422	-	-	9,422	-	9,422	-	175	3
Strip Permit No. 359-6A	Somerset	-	16,278	-	-	16,278	-	16,278	-	211	3
Total		-	25,700	-	-	25,700	-	25,700	-	6	-
Solar Fuel Co., Div. of Gulf & Western Industries, Inc.											
Strip Permit No. 291-3(c)	Somerset	-	-	-	-	-	-	-	-	236	3
Three S Coal Co.											
Strip Permit No. 824-1	Somerset	-	44,261	-	-	44,261	-	44,261	-	267	6
Strip Permit No. 824-2	Somerset	-	22,166	-	-	22,166	-	22,166	-	267	3
Strip Permit No. 824-5	Somerset	-	17,305	-	-	17,305	-	17,305	-	267	2
Total		-	83,732	-	-	83,732	-	83,732	-	11	-
W&W Coal Co.											
Strip Permit No. 594-3	Somerset	-	-	-	-	-	-	-	-	253	10)
Strip Permit No. 594-6	Somerset	-	5,356	-	18	5,374	-	5,374	-	264	-
Strip Permit No. 594-7	Somerset	-	34,222	-	-	34,222	-	34,222	-	280	-
Total		-	39,578	-	18	39,596	-	39,596	-	10	-
Winber High Standard Coal Co.											
Strip Permit No. 246-4&6A	Somerset	-	21,733	-	-	21,733	-	21,733	-	257	4
Strip Permit No. 246-7 & 7A2	Somerset	-	22,774	-	-	22,774	-	22,774	-	206	2
Strip Permit No. 246-8	Somerset	-	10,347	-	-	10,347	-	10,347	-	116	2
Strip Permit No. 246-9	Somerset	-	34,390	-	-	34,390	-	34,390	-	203	3
Total		-	89,244	-	-	89,244	-	89,244	-	11	-

District 41

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	Domestic Purposes	Locally for Manufacture of Coke	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	Non-Fatal Accidents
Yantus, Steve	Somerset	-	-	15,500	-	-	-	15,500	-	108	4
Strip Permit No. 1707-1											
Zubek, Edward	Somerset	-	-	8,133	-	-	-	8,133	-	98	5
Strip Permit No. 1706-1											
District Total		176,654	-	1,578,584	9,442	-	-	1,764,680	-	224	432

NOTE: (a) Backfilling.

(b) Same men as those employed at Strip Permit No. 1612-1 in District 40A. (c) This is John E. Bigan Estate permit being used by Solar Fuel Co. as a refuse disposal area.

* Men included with those at other operations, same company.

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District 42

Ace Drilling Coal Co., Inc.											
Strip Permit No. 218-12	Cambria	-	-	-	-	-	-	-	-	223	3
Strip Permit No. 218-14	Cambria	-	-	-	-	-	-	-	-	223	3
Strip Permit No. 218-17	Cambria	47,198	-	77,228	-	-	-	124,426	-	223	19
Strip Permit No. 218-18	Cambria	4,102	-	8,879	-	-	-	12,981	-	223	4
Strip Permit No. 218-19	Cambria	9,659	-	19,875	-	-	-	29,534	-	223	6
Strip Permit No. 218-20	Cambria	-	-	-	-	-	-	-	-	223	2
Strip Permit No. 218-22	Cambria	17,418	-	10,924	-	-	-	28,342	-	162	8
Strip Permit No. 218-24	Cambria	12,887	-	8,329	-	-	-	21,216	-	80	9
Total		91,264	-	125,235	-	-	-	216,499	-	54	-
Bender Coal Co., Edward P.											
Strip Permit No. 593-10	Cambria	-	-	31,973	-	-	-	31,973	-	222	7
Strip Permit No. 593-14	Cambria	-	-	41,547	-	-	-	41,547	-	222	3
Strip Permit No. 593-16	Cambria	-	-	5,908	-	-	-	5,908	-	101	3
Total		-	-	79,428	-	-	-	79,428	-	13	-
Benjamin Coal Co.											
Strip Permit No. 64-125	Cambria	30,000	-	-	-	-	-	30,000	-	166	10
Bentley Coal Co., Inc.											
Strip Permit No. 938-264 Refuse	Cambria	-	-	-	-	-	-	-	-	124	1
Best Resources											
Strip Permit No. 1628-2	Cambria	-	-	2,298	-	-	-	2,298	-	75	5

	Operators and Mines	County	Production of Coal & Coke - Net Tons									
			Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coal		Average Days of Employment	
			By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	of Coal	of Coke	tion of Coke	age of Worked	Non-fatal acci- dents
Cambria Coal Co.	Strip Permit No. 1206-1	Cambria	2,760	-	-	-	-	2,760	-	-	149	*
	Strip Permit No. 1206-4	Cambria	205,284	-	-	-	-	205,284	-	-	354	28
	Strip Permit No. 1206-6	Cambria	56,348	-	-	-	-	56,348	-	-	313	15
	Strip Permit No. 1206-10	Cambria	93,103	-	-	-	-	93,103	-	-	354	15
	Strip Permit No. 1206-12	Cambria	80,169	-	-	-	-	80,169	-	-	328	13
	Strip Permit No. 1206-18	Cambria	9,649	-	-	-	-	9,649	-	-	98	*
	Strip Permit No. 1206-21	Cambria	14,794	-	-	-	-	14,794	-	-	115	16
	Auger-BAM-733	Cambria	3,948	-	-	-	-	3,948	-	-	48	3
	Auger-BAM-803	Cambria	8,208	-	-	-	-	8,208	-	-	82	-
	Total		474,263	-	-	-	-	474,263	-	-	90	-
Cambria Mills Coal Co., Inc.	Strip Permit No. 548-7	Cambria	-	-	544	-	-	544	-	-	269	2
	Strip Permit No. 548-9	Cambria	-	-	8,347	-	-	8,347	-	-	269	1
	Total		-	-	8,891	-	-	8,891	-	-	3	-
Coal Utilities Corp.	Strip Permit No. 1120-4	Cambria	-	-	39,844	-	-	39,844	-	-	108	6
	Special Project 387	Cambria	-	-	15,592	-	-	15,592	-	-	72	-
	Total		-	-	55,436	-	-	55,436	-	-	6	-
Cooney Brothers Coal Co.	Strip Permit No. 238-1	Cambria	15,730	-	-	-	-	15,730	-	-	215	11
	Strip Permit No. 238-2	Cambria	-	-	-	-	-	-	-	-	128	3
	Strip Permit No. 238-3	Cambria	171,000	-	77,600	-	-	248,600	-	-	215	20
	Strip Permit No. 238-10	Cambria	67,005	-	-	-	-	67,005	-	-	215	11
	Strip Permit No. 238-14	Cambria	48,050	-	-	-	-	48,050	-	-	215	7
	Strip Permit No. 238-15	Cambria	122,222	-	-	-	-	122,222	-	-	215	9
	Strip Permit No. 238-16	Cambria	43,232	-	-	-	-	43,232	-	-	215	8
	Strip Permit No. 238-17	Cambria	71,390	-	-	-	-	71,390	-	-	215	8
	Strip Permit No. 238-18	Cambria	42,390	-	-	-	-	42,390	-	-	215	9
	Strip Permit No. 238-19	Cambria	106,430	-	-	-	-	106,430	-	-	215	11
	Strip Permit No. 238-20	Cambria	129,725	-	-	-	-	129,725	-	-	215	9
	Total		817,174	-	77,600	-	-	894,774	-	-	106	-
Fran Contracting, Inc.	Strip Permit No. 1073-10	Cambria	-	-	30,915	-	-	30,915	-	-	121	2
	Strip Permit No. 1073-11(Hommer)	Cambria	-	-	5,582	-	-	5,582	-	-	43	2
	Strip Permit No. 1073-11(Weston)	Cambria	-	-	333	-	-	333	-	-	20	*
	Strip Permit No. 1073-11A (Mulhollen)	Cambria	-	-	2,195	-	-	2,195	-	-	4	*
	Total		-	-	39,025	-	-	39,025	-	-	4	-

District 42

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Locally Used in		Total Production of Coal		Total Production of Coke		Average Days Worked	Non-Fatal Accidents
		By Rail	By Water	By Truck	For Domestic Purposes	Manu- facture of Coal	of Coke	of Coke	of Coke	of Coke	of Coke
GMK Co.	Cambria	-	-	112,630	-	-	112,630	-	233	18	1
Strip Permit No. 946-2 Refuse Gerbeco, Inc.	Cambria	-	-	14,226	-	-	14,226	-	237	2	-
Strip Permit No. 1246-1 Halstock, Inc.	Cambria	-	-	19,674	-	-	19,674	-	194	6	-
Strip Permit No. 1641-1 Homer City Coal Co.	Cambria	-	-	14,934	-	-	14,934	-	170	3	-
Strip Permit No. 38-13A Kolak, John	Cambria	-	-	-	-	-	-	-	112	-	-
Strip Permit No. 1433-1	Cambria	-	-	12,919	-	-	12,919	-	173	3	-
Strip Permit No. 1433-2	Cambria	-	-	12,919	-	-	12,919	-	-	3	-
Total											
Lawrence Resources	Cambria	-	-	21,716	-	-	21,716	-	225	3	-
Strip Permit No. 1619-1	Cambria	-	-	28,758	-	-	28,758	-	268	9	-
Strip Permit No. 1619-1A	Cambria	-	-	50,474	-	-	50,474	-	-	12	-
Total											
Lechene Coal Co., Inc.	Cambria	-	-	45,374	-	-	45,374	-	238	12	-
Strip Permit No. 892-1, 2 & 3 Lovell, Allan E.	Cambria	-	-	2,931	107	-	3,038	-	182	1	-
Strip Permit No. 1292-1	Cambria	-	-	14,708	1,555	-	33,210	-	222	20	-
M&K Coal Co.	Cambria	16,947	-	61,092	-	-	61,092	-	235	8	3
Strip Permit No. 747-1 Refuse M & M Mining, Inc.	Cambria	-	-	1,104	-	-	1,104	-	25	3	-
Strip Permit No. 1207-9 Mazzarella Coal Co.	Cambria	-	-	15,899	-	-	17,533	-	194	6	-
Strip Permit No. 1773-1 North Cambria Fuel Co.	Cambria	1,634	-	7,127	-	-	7,127	-	79	-	-
Strip Permit No. 10-37	Cambria	-	-	23,026	-	-	24,660	-	-	6	-
Special Project No. 361	Cambria	1,634	-	9,651	-	-	9,651	-	84	6	-
Total											
Peles Coal Co., Inc.	Cambria	-	-	30,506	-	-	30,506	-	282	8	-
Strip Permit No. 612-7 Pennsylvania Energy Corp.	Cambria	-	-	46,228	-	-	46,228	-	282	9	-
Strip Permit No. 921-2	Cambria	-	-	76,734	-	-	76,734	-	-	17	-
Strip Permit No. 921-3	Cambria	-	-	-	-	-	-	-	-	-	-
Total											

District 42

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Non-fatal accidents	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	Production of Coal	Production of Coke	Age of Worked	Fatal	Non-
									Days	accidents	fatal
Ridge Mining Co.	Cambria	-	-	56,565	-	-	56,565	-	222	7	-
Starford Coal Corp.	Cambria	-	-	6,739	-	-	6,739	-	271	6	-
Swistock & George	Cambria	-	-	15,714	-	-	15,714	-	130	5	-
Universal Minerals, Inc.	Cambria	-	-	183,087	-	-	183,087	-	266	28	1
Strip Permit No. 1116-1Refuse	Cambria	11,498	-	64,115	-	-	75,613	-	275	36	1
Strip Permit No. 1116-3Refuse	Cambria	-	-	238,868	-	-	238,868	-	266	23	1
Strip Permit No. 1116-4Refuse	Cambria	11,498	-	486,070	-	-	497,568	-	87	-	3
Total											
Vulcan Coal & Coke, Inc.	Cambria	-	-	-	605	-	605	-	120	4	-
Strip Permit No. 1690-1Refuse	Cambria	-	-	738	-	-	738	-	12	6	-
Weakland Brothers	Cambria	-	-	10,452	-	-	10,452	-	77	6	-
Strip Permit No. 219-8A	Cambria	-	-	5,024	-	-	5,024	-	-	-	-
Strip Permit No. 219-9	Cambria	-	-	8,071	-	-	8,071	-	-	-	-
Strip Permit No. 219-9A	Cambria	-	-	24,285	-	-	24,285	-	28	6	-
Strip Permit No. 219-9A2	Cambria	-	-	-	-	-	-	-	-	-	-
Total									18	-	-
Wesott, Inc.	Cambria	-	-	28,644	-	-	28,644	-	220	3	-
Strip Permit No. 1465-2	Cambria	-	-	6,968	-	-	6,968	-	120	3	-
Special Project No. 349	Cambria	-	-	35,612	-	-	35,612	-	-	-	-
Total									6	-	-
Yellow Run Energy Co.	Cambria	-	-	7,181	-	-	7,181	-	118	3	-
Strip Permit No. 1201-3	Cambria	-	-	1,479,556	2,267	-	2,924,603	-	228	545	8
District Total		1,442,780	-	1,479,556	2,267	-	2,924,603	-	228	545	8

NOTE: * Men included with those at other operations, same company.

District 43

	County	Production of Coal & Coke - Net Tons										Non-fatal accidents
		Shipped to Market			Coal Used			Locally for Manufacture of Coke			Total Production of Coal		Average Days Worked	No. of Employees
Operators and Mines		By Rail	By Water	By Truck	Domestic Purposes	Locally for Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Fatal accidents	
Anderson Creek Coal & Clay Co.	Clearfield	-	-	2,180	-	-	2,180	-	7	17	-	-
Strip Permit No. 547-1(a)	Clearfield	-	-	105,113	-	-	105,113	-	236	-	-	-
Strip Permit No. 547-4(a)		-	-	107,293	-	-	107,293	-	17	-	-	-
Total												
Arcadia Co., Inc., The	Clearfield	62,214	-	-	-	-	62,214	-	238	8	-	1
Strip Permit No. 164-23624												
Benjamin Coal Co.	Clearfield	26,359	-	-	-	-	26,359	-	116	9	-	-
Strip Permit No. 64-96	Clearfield	11,582	-	-	-	-	11,582	-	179	7	-	-
Strip Permit No. 64-106	Clearfield	337,493	-	-	-	-	337,493	-	254	32	-	-
Strip Permit No. 64-111	Clearfield	2,144	-	-	-	-	2,144	-	22	*	-	-
Strip Permit No. 64-115	Clearfield	31,776	-	-	-	-	31,776	-	177	9	-	1
Strip Permit No. 64-118	Clearfield	14,361	-	-	-	-	14,361	-	88	4	-	-
Strip Permit No. 64-119	Clearfield	5,414	-	-	-	-	5,414	-	22	*	-	-
Strip Permit No. 64-120	Clearfield	5,470	-	-	-	-	5,470	-	66	*	-	-
Strip Permit No. 64-121	Clearfield	11,260	-	-	-	-	11,260	-	124	5	-	-
Strip Permit No. 64-124	Clearfield	35,155	-	-	-	-	35,155	-	144	9	-	1
Strip Permit No. 64-168		481,014	-	-	-	-	480,014	-	75	-	2	-
Total												
Best Resources, Inc.	Clearfield	-	-	7,679	-	-	7,679	-	25	3	-	-
Strip Permit No. 1628-1(a)												
Cambrria Coal Co.	Cambria	50,345	-	-	-	-	50,345	-	323	14	-	-
Strip Permit No. 1206-5	Cambria	-	-	-	-	-	-	-	82	*	-	-
Strip Permit No. 1206-8	Clearfield	75,224	-	-	-	-	75,224	-	328	15	-	-
Strip Permit No. 1206-9	Clearfield	341	-	-	-	-	341	-	33	*	-	-
Strip Permit No. 1206-14	Clearfield	76,812	-	-	-	-	76,812	-	354	14	-	-
Strip Permit No. 1206-15	Clearfield	7,965	-	-	-	-	7,965	-	54	14	-	-
Strip Permit No. 1206-28		210,687	-	-	-	-	210,687	-	57	-	-	-
Total												
Cambrria Mills Coal Co., Inc.	Clearfield	-	-	3,201	-	-	3,201	-	269	3	-	-
Strip Permit No. 548-3 & 3A	Clearfield	-	-	108,212	-	-	108,212	-	269	22	-	1
Strip Permit No. 548-8		-	-	111,413	-	-	111,413	-	25	-	1	-
Total												
Doverspike Brothers Coal Co.	Clearfield	10,955	-	-	-	-	10,955	-	72	3	-	-
Strip Permit No. 567-45												

District 43

	County	Production of Coal & Coke - Net Tons										Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Fatal Accidents	Non-fatal Accidents
		Shipped to Market	By Rail	By Water	By Truck	For Domestic Purposes	Locally Used	Coal Manufactured	Coal Used in Manufacture	Coal	Coal						
Operators and Mines																	
Elliot Coal Mining Co., Inc.																	
Strip Permit No. 59-26	Clearfield	-	-	-	18,452	-	-	-	-	-	-	18,452	-	198	6	-	-
Strip Permit No. 59-27	Clearfield	-	-	-	4,103	-	-	-	-	-	-	4,103	-	22	-	-	-
Total		-	-	-	22,555	-	-	-	-	-	-	22,555	-	-	6	-	-
Empire Coal Co., Inc.																	
Strip Permit No. 69-38	Clearfield	85,311	-	-	-	-	-	-	-	-	-	85,311	-	179	-	-	-
Strip Permit No. 69-42	Clearfield	247,750	-	-	-	-	-	-	-	-	-	247,750	-	253	38	-	-
Strip Permit No. 69-44	Clearfield	14,533	-	-	-	-	-	-	-	-	-	14,533	-	67	10	-	-
Total		347,594	-	-	-	-	-	-	-	-	-	347,594	-	-	48	-	-
Flango Brothers Coal, Inc.																	
Strip Permit No. 161-10	Clearfield	17,348	-	-	5,708	-	-	-	-	-	-	23,056	-	271	7	-	-
Strip Permit No. 161-15	Clearfield	25,935	-	-	3,242	-	-	-	-	-	-	29,177	-	271	4	-	-
Strip Permit No. 161-16	Clearfield	14,980	-	-	-	-	-	-	-	-	-	14,980	-	271	7	-	-
Total		58,263	-	-	8,950	-	-	-	-	-	-	67,213	-	-	18	-	-
G & R Stone & Coal Co.																	
Strip Permit No. 1322-1(a)	Clearfield	-	-	-	6,319	-	-	-	-	-	-	6,319	-	70	4	-	-
Gibson Excavating Co.																	
Strip Permit No. 1426-1(a)	Clearfield	-	-	-	15,889	-	-	-	-	-	-	15,889	-	190	9	-	-
H. & T. Coal Co.																	
Strip Permit No. 1513-1	Clearfield	-	-	-	40,140	-	-	-	-	-	-	40,140	-	256	8	-	-
Hamlin Coal Co., Inc.																	
Strip Permit No. 536-4	Clearfield	68,254	-	-	-	-	-	-	-	-	-	68,254	-	271	25	-	1
Strip Permit No. 563-8	Clearfield	963	-	-	-	-	-	-	-	-	-	963	-	2	-	-	-
Auger-BAM-696	Clearfield	11,395	-	-	-	-	-	-	-	-	-	11,395	-	125	1	-	-
Total		80,612	-	-	-	-	-	-	-	-	-	80,612	-	-	26	-	1
Hartman Contracting, Inc., W.G.																	
Strip Permit No. 1194-6	Clearfield	25,332	-	-	-	-	-	-	-	-	-	25,332	-	200	14	-	-
Hepburn Coal Co.																	
Strip Permit No. 14-43 & 43A	Clearfield	30,998	-	-	-	-	-	-	-	-	-	30,998	-	263	4	-	-
Strip Permit No. 14-51	Clearfield	22,926	-	-	-	-	-	-	-	-	-	22,926	-	124	-	-	-
Strip Permit No. 14-52	Clearfield	60,484	-	-	-	-	-	-	-	-	-	60,484	-	263	8	-	-
Strip Permit No. 14-53	Clearfield	21,494	-	-	-	-	-	-	-	-	-	21,494	-	160	5	-	-
Strip Permit No. 14-54 & 54A	Clearfield	26,698	-	-	-	-	-	-	-	-	-	26,698	-	189	8	-	-
Strip Permit No. 14-58	Clearfield	11,991	-	-	-	-	-	-	-	-	-	11,991	-	118	4	-	-
Strip Permit No. 14-59	Clearfield	263	-	-	-	-	-	-	-	-	-	263	-	4	-	-	-
Total		174,854	-	-	-	-	-	-	-	-	-	174,854	-	-	29	-	-
Iraca Coal Co., Joe G.																	
Strip Permit No. 1675-2	Clearfield	-	-	-	11,587	-	-	-	-	-	-	11,587	-	141	7	-	-

District 43

Operators and Mines	County	Production of Coal & Coke - Net Tons										Total Produc- tion of Coal of Coke	Aver- age Days Worked	No. of Em- ployes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to Market	By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manu- facture of Coke	Total Produc- tion of Coal of Coke	Total Produc- tion of Coal of Coke	Total Produc- tion of Coal of Coke	Total Produc- tion of Coal of Coke					
Kann Coal Co., Inc. Strip Permit No. 621-4 & 6	Clearfield	152,635	-	-	73,816	-	-	226,451	-	-	226,451	345	48	-	2	
Kasubick Brothers Coal Co. Strip Permit No. 185-3	Clearfield	-	-	-	-	-	-	-	-	-	-	14	2	-	-	
Kitko, Francis B. Strip Permit No. 562-1	Clearfield	-	-	-	384	-	-	384	-	-	384	131	1	-	-	
Kristanson & Johnson Coal Co. Strip Permit No. 56-8	Cambria	23,002	-	-	27,980	-	-	50,982	-	-	50,982	236	7	-	1	
Strip Permit No. 56-19	Cambria	36,221	-	-	-	-	-	36,221	-	-	36,221	173	6	-	1	
Strip Permit No. 56-25	Cambria	-	-	-	-	-	-	-	-	-	-	183	2	-	-	
Strip Permit No. 56-31	Clearfield	7,286	-	-	4,825	-	-	12,111	-	-	12,111	236	3	-	-	
Strip Permit No. 56-41	Cambria	-	-	-	-	-	-	-	-	-	-	236	5	-	2	
Strip Permit No. 56-44	Cambria	140,953	-	-	32,805	-	-	140,953	-	-	140,953	236	46	-	4	
Total		207,462	-	-	-	-	-	240,267	-	-	240,267	69	-	-	8	
Lansberry Coal & Excavating Co. Strip Permit No. 543-4 & 5	Clearfield	-	-	-	35,757	-	-	35,757	-	-	35,757	271	14	-	-	
Mears Coal Co. Strip Permit No. 3-12	Clearfield	15,221	-	-	-	-	-	15,221	-	-	15,221	230	5	-	-	
Auger-BAN-644	Clearfield	3,946	-	-	-	-	-	3,946	-	-	3,946	25	3	-	-	
Total		19,167	-	-	-	-	-	19,167	-	-	19,167	8	-	-	-	
P & N Coal Co., Inc. Strip Permit No. 32-66	Clearfield	-	-	-	-	-	-	-	-	-	-	216	19	-	-	
Strip Permit No. 32-76	Clearfield	20,347	-	-	6,783	-	-	27,130	-	-	27,130	223	*	-	1	
Strip Permit No. 32-78	Clearfield	7,977	-	-	-	-	-	7,977	-	-	7,977	81	7	-	-	
Strip Permit No. 32-79	Clearfield	3,584	-	-	1,194	-	-	4,778	-	-	4,778	179	*	-	-	
Strip Permit No. 32-81	Clearfield	32,194	-	-	-	-	-	32,194	-	-	32,194	146	7	-	-	
Strip Permit No. 32-86	Clearfield	12,497	-	-	-	-	-	12,497	-	-	12,497	99	*	-	-	
Strip Permit No. 32-87	Clearfield	52,700	-	-	17,567	-	-	70,267	-	-	70,267	235	*	-	-	
Strip Permit No. 32-89	Clearfield	13,908	-	-	-	-	-	13,908	-	-	13,908	65	*	-	-	
Total		143,207	-	-	25,544	-	-	168,751	-	-	168,751	33	-	-	1	
Peles Coal Co., Inc. Strip Permit No. 612-4	Clearfield	-	-	-	1,960	-	-	1,960	-	-	1,960	46	2	-	-	
Pike Coal Co. Strip Permit No. 430-30	Clearfield	-	-	-	34,046	-	-	34,046	-	-	34,046	214	9	-	2	
Power Contracting Co., Inc. Strip Permit No. 1078-6	Clearfield	-	-	-	25,155	-	-	25,155	-	-	25,155	200	11	-	-	
Strip Permit No. 1078-11	Clearfield	-	-	-	4,982	-	-	4,982	-	-	4,982	198	5	-	-	
Total		-	-	-	30,137	-	-	30,137	-	-	30,137	16	-	-	-	

District 43

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Aver-	
		By Rail	By Water	By Truck	for Domestic Purposes	Manu- facture of Coke	Coal	Produc- tion of Coal	Produc- tion of Coke	Days Worked	No. of Em- ployes
Clearfield	Clearfield	-	-	1,752	150	-	-	1,902	-	160	1
Strip Permit No. 1663-1											
Shale Hill Coal Co., Inc.											
Strip Permit No. 598-7, 13&17	Clearfield	-	-	59,143	-	-	-	59,143	-	292	9
Strip Permit No. 598-10 & 19	Clearfield	-	-	84,954	-	-	-	84,954	-	292	16
Strip Permit No. 598-20	Clearfield	-	-	6,301	-	-	-	6,301	-	141	2
Total		-	-	150,398	-	-	-	150,398	-	27	-
Simca Mining, Inc.											
Strip Permit No. 529-5	Clearfield	-	-	728	-	-	-	728	-	203	*
Strip Permit No. 529-7	Clearfield	-	-	39,516	-	-	-	39,516	-	306	13
Strip Permit No. 529-9	Clearfield	-	-	22,751	-	-	-	22,751	-	221	13
Strip Permit No. 529-10	Clearfield	-	-	25,440	-	-	-	25,440	-	283	*
Strip Permit No. 529-11	Clearfield	-	-	19,841	-	-	-	19,841	-	202	13
Strip Permit No. 529-14	Clearfield	-	-	13,910	-	-	-	13,910	-	122	*
Total		-	-	122,186	-	-	-	122,186	-	39	1
Washington Hill Coal Co.											
Strip Permit No. 1658-1	Clearfield	-	-	18,047	-	-	-	18,047	-	136	2
District Total		1,973,996	-	858,657	150	-	-	2,832,803	-	241	628

NOTE: (a) Information taken from monthly reports as no Annual Report was submitted.
 * Men included with those at other operations, same company.

District 44

Avery Coal Co., Inc.											
Strip Permit No. 522-9(a)	Clearfield	70,238	-	-	-	-	-	70,238	-	306	16
Benjamin Coal Co.											
Strip Permit No. 64-126	Clearfield	48,316	-	-	-	-	-	48,316	-	221	12
Strip Permit No. 64-133	Clearfield	68,437	-	-	-	-	-	68,437	-	166	15
Strip Permit No. 64-134A	Clearfield	38,471	-	-	-	-	-	38,471	-	110	7
Strip Permit No. 64-135	Clearfield	20,270	-	-	-	-	-	20,270	-	110	*
Strip Permit No. 113-6(b)	Clearfield	8,099	-	-	-	-	-	8,099	-	31	*
Total		183,593	-	-	-	-	-	183,593	-	34	1

District 44

County	Production of Coal & Coke - Net Tons										Non-fatal acci- dents
	Shipped to Market	By Rail	By Water	By Truck	Purposes of Coal	Manu- facture of Coke	Used in	Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age No. of Em- ployes	
Bradford Coal Co., Inc.											
Strip Permit No. 61-26	-	-	-	48,871	-	-	-	48,871	-	238	2
Strip Permit No. 61-28	-	-	-	66,914	-	-	-	66,914	-	241	-
Total	-	-	-	115,785	-	-	-	115,785	-	24	2
Brown Co., Earl M.											
Strip Permit No. 104-20A(c)	-	-	-	4,640	-	-	-	4,640	-	183	*
Strip Permit No. 104-22A2	-	-	-	53,985	-	-	-	53,985	-	260	8
Strip Permit No. 104-23A3	-	-	-	33,742	-	-	-	33,742	-	270	6
Strip Permit No. 104-25A4	-	-	-	34,279	-	-	-	34,279	-	252	8
Strip Permit No. 104-27	-	-	-	24,647	-	-	-	24,647	-	254	6
Strip Permit No. 104-28A2	-	-	-	58,823	-	-	-	58,823	-	267	5
Strip Permit No. 104-31	-	-	-	12,660	-	-	-	12,660	-	133	*
Total	-	-	-	222,776	-	-	-	222,776	-	33	3
Bull Run Coal Co.											
Strip Permit No. 1164-4	-	-	-	21,348	10	-	-	21,358	-	250	15
Strip Permit No. 1164-5	-	-	-	2,750	5	-	-	2,755	-	-	-
Total	-	-	-	24,098	15	-	-	24,113	-	-	15
Centre Fuel & Mineral											
Strip Permit No. 983-1	2,250	-	-	2,365	-	-	-	4,615	-	98	2
Coal Hill Contracting Co., Inc.	-	-	-	2,981	-	-	-	2,981	-	10	*
Strip Permit No. 1470-1	-	-	-	55,147	277	-	-	55,424	-	298	12
Strip Permit No. 1470-2	-	-	-	58,128	277	-	-	58,405	-	-	12
Total	-	-	-	-	-	-	-	-	-	-	-
Curtin Coal Co., Inc.											
Strip Permit No. 1616-1	-	-	-	14,275	-	-	-	14,275	-	91	11
Edgen Coal Co.	-	-	-	4,995	-	-	-	4,995	-	224	2
Strip Permit No. 1489-1	-	-	-	1,231	-	-	-	1,231	-	25	*
Elliot Coal Mining Co., Inc.	-	-	-	77,003	-	-	-	77,003	-	234	18
Strip Permit No. 59-5	-	-	-	234,350	-	-	-	234,350	-	326	27
Strip Permit No. 59-19	-	-	-	16,821	-	-	-	16,821	-	93	8
Strip Permit No. 59-22	-	-	-	63,244	-	-	-	63,244	-	234	20
Strip Permit No. 59-28	-	-	-	6,021	-	-	-	6,021	-	41	*
Strip Permit No. 59-29	-	-	-	89	-	-	-	89	-	7	*
Strip Permit No. 59-30	-	-	-	398,759	-	-	-	398,759	-	73	2
Total	-	-	-	-	-	-	-	-	-	-	-
Fahr Coal Co.											
Strip Permit No. 1352-1	-	-	-	-	8,285	-	-	8,285	-	252	2

District 44

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Coal		Total Production of Coal		Average Age of Worked Males	
		By Rail	By Water	By Truck	For Domestic Purposes	Locally	Manu- facture of Coke	of Coal	of Coke	Days	Fatal acci- dents
Fleck Construction Co., G.C. Strip Permit No. 1677-1	Clearfield	-	-	9,486	-	-	-	9,486	-	175	8
Fran Contracting, Inc. Strip Permit No. 1073-1	Clearfield	-	-	1,667	-	-	-	1,667	-	56	2
Strip Permit No. 1073-6	Clearfield	-	-	89,591	-	-	-	89,591	-	225	10
Strip Permit No. 1073-7	Clearfield	-	-	87,610	-	-	-	87,610	-	216	6
Total		-	-	178,868	-	-	-	178,868	-	-	18
Gallagher Coal Co. Strip Permit No. 371-1C	Clearfield	-	-	6,643	-	-	-	6,643	-	260	4
Graham Brothers Coal Co. Strip Permit No. 1314-1(f)	Clearfield	-	-	-	3,257	-	-	3,257	-	98	3
Greene Contracting Co., Richard D. Strip Permit No. 1188-1	Clearfield	-	-	23,395	-	-	-	23,395	-	272	5
Hamer, Ardell B. Strip Permit No. 279-19 (d)	Clearfield	24,995	-	-	-	-	-	24,995	-	235	10
Strip Permit No. 517-1(c)	Clearfield	-	-	-	-	-	-	-	-	133	1
Total		24,995	-	-	-	-	-	24,995	-	-	11
Hamilton Contracting Co., Al Strip Permit No. 533-1	Clearfield	-	-	50,940	-	-	-	50,940	-	265	79
Strip Permit No. 533-8	Clearfield	-	-	35,190	-	-	-	35,190	-	265	-
Strip Permit No. 533-9	Clearfield	-	-	126,014	-	-	-	126,014	-	265	-
Strip Permit No. 533-10	Clearfield	-	-	43,430	-	-	-	43,430	-	256	-
Strip Permit No. 533-11	Clearfield	-	-	81,545	-	-	-	81,545	-	265	-
Strip Permit No. 533-17	Clearfield	-	-	27,630	-	-	-	27,630	-	120	-
Total		-	-	364,749	-	-	-	364,749	-	-	79
Hansloven Coal Co., Inc., Ed Strip Permit No. 1157-2	Clearfield	-	-	39,833	-	-	-	39,833	-	228	2
Holland, Arden W. Strip Permit No. 661-1	Clearfield	-	-	22,189	-	-	-	22,189	-	149	8
Jones Coal Co. Strip Permit No. 667-7	Clearfield	-	-	36,074	-	-	-	36,074	-	272	6
Kasubick Brothers Coal Co. Strip Permit No. 183-1	Clearfield	-	-	21,535	-	-	-	21,535	-	188	4
Kristianson & Johnson Coal Co. Strip Permit No. 56-35	Clearfield	-	-	-	-	-	-	-	-	242	2
Strip Permit No. 56-36	Clearfield	-	-	-	-	-	-	-	-	242	6
Strip Permit No. 56-39	Clearfield	-	-	108,681	-	-	-	108,681	-	242	9
Strip Permit No. 56-45	Clearfield	-	-	-	-	-	-	-	-	242	8
Total		-	-	108,681	-	-	-	108,681	-	-	25

District 44

Operators and Mines	County	Production of Coal & Coke - Net Tons										Non-fatal acci- dents
		Shipped to Market	By Rail	By Water	By Truck	Purposes of Coke	Manu- facture of Coke	Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days Worked	No. of Em- ployes	Fatal acci- dents
Lansberry Coal & Excavating Co. Strip Permit No. 543-2 (e) Strip Permit No. 543-2A2 Strip Permit No. 543-3 (e) Total	Clearfield	-	-	-	-	-	-	-	-	126	2	-
	Clearfield	-	-	-	1,779	-	-	1,779	-	14	8	-
	Clearfield	-	-	-	-	-	-	-	-	127	*	-
	Total	-	-	-	1,779	-	-	1,779	-	10	-	-
Long Coal Co., A.W. Strip Permit No. 663-1 M & M Construction Co. Strip Permit No. 1266-2 McGovern Coal Co., Clair C. Strip Permit No. 440-3 & 7 Penn Coal Co., Inc. Strip Permit No. 607-6 Strip Permit No. 607-8 Strip Permit No. 607-9 Strip Permit No. 607-10 Strip Permit No. 607-16 Total	Clearfield	-	-	-	11,548	-	-	11,548	-	263	5	-
	Clearfield	-	-	-	25,000	-	-	25,000	-	284	4	-
	Clearfield	-	-	-	18,153	-	-	18,153	-	277	6	-
	Total	-	-	-	9,054	-	-	9,054	-	168	*	-
Pike Coal Co. Strip Permit No. 430-22 Strip Permit No. 430-27 Strip Permit No. 430-28 Strip Permit No. 430-29 Strip Permit No. 430-31 Total	Clearfield	-	-	-	65,675	-	-	65,675	-	256	18	-
	Clearfield	-	-	-	2,731	-	-	2,731	-	107	5	-
	Clearfield	-	-	-	13,143	-	-	13,143	-	230	10	-
	Total	-	-	-	4,225	-	-	4,225	-	67	*	-
Power Contracting Co., Inc. Strip Permit No. 1078-3 Strip Permit No. 1078-4 Strip Permit No. 1078-8 Strip Permit No. 1078-10 Strip Permit No. 1078-13 Total	Clearfield	-	-	-	94,828	-	-	94,828	-	33	-	-
	Clearfield	-	-	-	30,980	-	-	30,980	-	257	9	-
	Clearfield	-	-	-	26,675	-	-	26,675	-	257	9	-
	Total	-	-	-	17,702	-	-	17,702	-	188	*	-
Reese Brothers Strip Permit No. 539-4(f) Strip Permit No. 539-7(f) Total	Clearfield	-	-	-	37,685	-	-	37,685	-	291	9	-
	Clearfield	-	-	-	5,327	-	-	5,327	-	78	*	-
	Clearfield	-	-	-	118,369	-	-	118,369	-	27	-	-
	Total	-	-	-	44,387	-	-	44,387	-	80	*	-
River Hill Coal Co., Inc. Strip Permit No. 20-31 Total	Clearfield	-	-	-	26,866	-	-	26,866	-	191	11	-
	Clearfield	-	-	-	14,928	-	-	14,928	-	260	5	-
	Clearfield	-	-	-	1,835	-	-	1,835	-	14	*	-
	Total	-	-	-	738	-	-	738	-	81	*	-
Strip Permit No. 1078-13 Total	Clearfield	-	-	-	44,387	-	-	44,387	-	16	-	-
	Clearfield	-	-	-	22,356	-	-	22,356	-	86	14	-
	Clearfield	-	-	-	42,500	-	-	42,500	-	168	17	-
	Total	-	-	-	64,856	-	-	64,856	-	31	-	-
Strip Permit No. 20-31 Total	Clearfield	4,551	-	-	-	-	-	4,551	-	105	4	-
	Clearfield	-	-	-	-	-	-	-	-	4	-	-
	Clearfield	-	-	-	-	-	-	-	-	1	-	-
	Total	-	-	-	-	-	-	-	-	-	-	-

District 44

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Aver-	
		By Rail	By Water	Truck	By Domestic Purposes	Manu- facture of Coal	of Coke	Produc- tion of Coal	of Coke	age Days	No. of Em- ployes
											Fatal acci- dents
											Non- fatal acci- dents
River Hill Coal Co., Inc. (continued)											
Strip Permit No. 20-38	Clearfield	30,138	-	-	-	-	-	30,138	-	235	11
Strip Permit No. 20-39	Clearfield	-	-	-	-	-	-	-	-	40	*
Strip Permit No. 20-41	Clearfield	6,138	-	-	-	-	-	6,138	-	105	*
Total		40,827	-	-	-	-	-	40,827	-	1	1
Roy Coal Co.											
Strip Permit No. 113-4	Clearfield	-	-	1,975	-	-	-	1,975	-	25	2
Ryan Brothers Coal Co.											
Strip Permit No. 31-6	Clearfield	776	-	23,217	-	-	-	23,993	-	286	8
Strip Permit No. 31-10	Clearfield	-	-	10,393	-	-	-	10,393	-	-	-
Strip Permit No. 31-11	Clearfield	-	-	1,257	-	-	-	1,257	-	-	-
Total		776	-	34,867	-	-	-	35,643	-	-	8
Ryan Estate, William W.											
Strip Permit No. 1344-1	Clearfield	-	-	16,360	484	-	-	16,844	-	277	6
Shiloh Contracting Co.											
Strip Permit No. 1124-3	Clearfield	-	-	10,938	-	-	-	10,938	-	113	8
Sineca Mining, Inc.											
Strip Permit No. 529-8(g)	Clearfield	-	-	-	-	-	-	-	-	83	3
Stott Coal Co., Inc., James M.											
Strip Permit No. 278-15(c)	Clearfield	-	-	-	-	-	-	-	-	35	2
Strip Permit No. 278-16A2	Clearfield	45,939	-	-	-	-	-	45,939	-	234	5
Strip Permit No. 278-17A	Clearfield	43,890	-	-	-	-	-	43,890	-	234	11
Strip Permit No. 278-20(h)	Clearfield	65,997	-	-	-	-	-	65,997	-	234	15
Total		155,826	-	-	-	-	-	155,826	-	33	1
T. & T. Clay & Coal Co.											
Strip Permit No. 1126-2	Clearfield	-	-	13,904	-	-	-	13,904	-	244	11
Thompson Brothers Coal Co.											
Strip Permit No. 127-8 & 11	Clearfield	-	-	85,323	-	-	-	85,323	-	256	19
Strip Permit No. 127-10	Clearfield	-	-	35,644	-	-	-	35,644	-	256	13
Total		-	-	120,967	-	-	-	120,967	-	32	-
Thompson Coal Co., Inc., John A.											
Strip Permit No. 492-1	Clearfield	-	-	63,251	-	-	-	63,251	-	274	15
Turner Coal Co., W.R.											
Strip Permit No. 1576-1(f)	Clearfield	-	-	11,379	-	-	-	11,379	-	149	5
V & C Coal Co.											
Strip Permit No. 1632-1	Clearfield	-	-	13,204	-	-	-	13,204	-	187	2

District 44

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Aver-	
		By Rail	By Water	By Truck	Purposes of Coal	Locally	Manu- facture of Coke	Produc- tion of Coal	tion of Coke	age Days	Non- Fatal fatal acci- acci- dents dents
Winters Construction Co., Melvin	Clearfield	-	-	-	3,793	-	-	3,793	-	229	3
Strip Permit No. 11-3A		478,505	-	2,318,399	16,111	-	-	2,813,015	-	243	672
District Total											14

NOTE: (a) Formerly operated by Swistock, Inc.
 (b) Formerly operated by Roy Coal Company.
 (c) Completed.
 (d) Formerly operated by James M. Stott Coal Company.
 (e) Backfilling.
 (f) Information taken from monthly reports as no Annual Report was submitted.
 (g) Reclamation only.
 (h) Formerly Strip Permit No. 11-4 operated by the Melvin Winters Construction Company.
 * Men included with those at other operations, same company.

District 45

Avery Coal Co., Inc.											
Strip Permit No. 522-8(a)	Clearfield	63,553	-	-	-	-	-	63,553	-	300	15
Benjamin Coal Co.											
Strip Permit No. 64-98	Clearfield	22,842	-	-	-	-	-	22,842	-	65	*
Strip Permit No. 64-128	Clearfield	53,225	-	-	-	-	-	53,225	-	188	10
Strip Permit No. 64-136	Clearfield	67,444	-	-	-	-	-	67,444	-	211	10
Strip Permit No. 64-149	Clearfield	24,757	-	-	-	-	-	24,757	-	98	12
Total		168,268	-	-	-	-	-	168,268	-	32	1
Bagler, Harry F.											
Strip Permit No. 1473-1	Clearfield	-	-	2,734	-	-	-	2,734	-	200	3
Bull Run Coal Co.											
Strip Permit No. 1164-3	Clearfield	-	-	15,711	-	-	-	15,711	-	250	7

District 45

	County	Production of Coal & Coke - Net Tons											
		Shipped to Market		Coal Used		Locally for Domestic Purposes		Total Production of Coal		Total Production of Coke		Average Days Worked	Non-Fatal Accidents
Operators and Mines		By Rail	By Water	By Truck	for	for	for	of Coal	of Coke	of Coke	Days	of Em- ployes	Fatal acci- dents
Cardinal Coal & Contracting Co. Strip Permit No. 1649-1 Strip Permit No. 1649-2 Strip Permit No. 1649-3 Total	Clearfield	-	-	29,954	-	-	-	29,954	-	-	175	23	-
	Clearfield	-	-	9,987	-	-	-	9,987	-	-	146	-	-
	Clearfield	-	-	13,840	-	-	-	13,840	-	-	89	-	-
	Total	-	-	53,781	-	-	-	53,781	-	-	23	-	-
Carlin, Inc., R.S. Strip Permit No. 134-7 Clearfield Limestone Corp. Strip Permit No. 258-7 Edmunds Contracting & Supply Co., Inc. Strip Permit No. 532-4(b) Strip Permit No. 532-6(c) Strip Permit No. 532-7 & 8 Total	Clearfield	-	-	72,235	-	-	-	72,235	-	-	242	6	-
	Clearfield	46,418	-	1,939	-	-	-	48,357	-	-	234	14	-
	Clearfield	-	-	-	-	-	-	-	-	-	22	1	-
	Total	-	-	72,323	-	-	-	72,323	-	-	242	21	-
Glen Irvan Corp. Strip Permit No. 671-3 Auger-BAN-800 Total	Clearfield	-	-	42,299	-	-	-	42,299	-	-	272	11	-
	Clearfield	-	-	686	-	-	-	686	-	-	7	-	-
	Clearfield	-	-	42,985	-	-	-	42,985	-	-	11	-	-
	Total	-	-	42,985	-	-	-	42,985	-	-	11	-	-
Hamilton Contracting Co., Al Strip Permit No. 533-6 Strip Permit No. 533-12 Strip Permit No. 533-14 Strip Permit No. 533-15 Total	Clearfield	-	-	50,064	-	-	-	50,064	-	-	188	28	-
	Clearfield	-	-	18,007	-	-	-	18,007	-	-	93	-	-
	Clearfield	-	-	84,642	-	-	-	84,642	-	-	170	-	-
	Total	-	-	184,067	-	-	-	184,067	-	-	104	-	-
Hansolvan Coal Co., Inc., Ed Strip Permit No. 1157-1 Ingram Coal Co. Strip Permit No. 1476-3 Kristianson & Johnson Coal Co. Strip Permit No. 56-17 Strip Permit No. 56-24 Strip Permit No. 56-27 Strip Permit No. 56-28 Strip Permit No. 56-29 Strip Permit No. 56-34 Strip Permit No. 56-50 Total	Clearfield	-	-	89,860	-	-	-	89,860	-	-	264	3	-
	Clearfield	-	-	17,493	-	-	-	17,493	-	-	159	4	-
	Clearfield	-	-	3,690	-	-	-	3,690	-	-	63	*	-
	Total	-	-	109,943	-	-	-	109,943	-	-	9	*	-
Hansolvan Coal Co., Inc., Ed Strip Permit No. 1157-1 Ingram Coal Co. Strip Permit No. 1476-3 Kristianson & Johnson Coal Co. Strip Permit No. 56-17 Strip Permit No. 56-24 Strip Permit No. 56-27 Strip Permit No. 56-28 Strip Permit No. 56-29 Strip Permit No. 56-34 Strip Permit No. 56-50 Total	Clearfield	-	-	2,256	-	-	-	2,256	-	-	21	*	-
	Clearfield	-	-	87,755	-	-	-	87,755	-	-	270	13	-
	Clearfield	-	-	756	-	-	-	756	-	-	146	2	-
	Clearfield	-	-	54,239	-	-	-	54,239	-	-	284	20	-
	Total	-	-	85,878	-	-	-	85,878	-	-	247	28	-
Hansolvan Coal Co., Inc., Ed Strip Permit No. 1157-1 Ingram Coal Co. Strip Permit No. 1476-3 Kristianson & Johnson Coal Co. Strip Permit No. 56-17 Strip Permit No. 56-24 Strip Permit No. 56-27 Strip Permit No. 56-28 Strip Permit No. 56-29 Strip Permit No. 56-34 Strip Permit No. 56-50 Total	Clearfield	-	-	234,574	-	-	-	234,574	-	-	63	2	-
	Total	-	-	234,574	-	-	-	234,574	-	-	63	2	-

District 45

Operators and Mines	County	Production of Coal & Coke - Net Tons										Non-Fatal accidents	
		Shipped to Market		Coal Used Locally		Used in Manufacture of Coke		Total Production of Coal		Total Production of Coke			
		By Rail	By Water	By Truck	For Domestic Purposes	For Manufacture of Coke	Total	Production of Coal	Production of Coke	Average Days of Worked	Fatal accidents		
Moshannon Falls Mining Co., Inc.													
Strip Permit No. 5-2	Clearfield	26,376	-	-	-	-	-	26,376	-	-	248	16	-
Strip Permit No. 5-3	Clearfield	59,241	-	-	-	-	-	59,241	-	-	-	-	-
Strip Permit No. 5-5	Clearfield	1,055	-	-	-	-	-	1,055	-	-	-	-	-
Total		86,672	-	-	-	-	-	86,672	-	-	-	16	-
North American Refractories Co.													
Strip Permit No. 800-2	Clearfield	-	-	2,601	-	-	-	-	2,601	-	120	6	-
Owens Coal Mining Co.													
Strip Permit No. 934-17	Clearfield	-	-	36,749	-	-	-	36,749	-	266	3	-	-
Strip Permit No. 934-21	Clearfield	-	-	50,806	-	-	-	50,806	-	273	8	-	-
Strip Permit No. 934-26	Clearfield	-	-	62,801	-	-	-	62,801	-	243	7	-	-
Strip Permit No. 934-27	Clearfield	-	-	21,635	-	-	-	21,635	-	266	3	-	-
Strip Permit No. 934-38	Clearfield	-	-	20,696	-	-	-	20,696	-	188	3	-	-
Strip Permit No. 934-42	Clearfield	-	-	13,945	-	-	-	13,945	-	169	4	-	-
Auger-BAM-719	Clearfield	-	-	238	-	-	-	238	-	20	3	-	-
Auger-BAM-720	Clearfield	-	-	7,016	-	-	-	7,016	-	75	-	-	-
Total		-	-	213,886	-	-	-	213,886	-	31	-	-	-
Reese Coal Co., Inc., Philip													
Strip Permit No. 156-1C&2C	Clearfield	-	-	60,790	-	-	-	60,790	-	280	9	-	-
River Hill Coal Co., Inc.													
Strip Permit No. 20-29	Clearfield	60,614	-	-	-	-	-	60,614	-	235	14	1	-
Strip Permit No. 20-33	Clearfield	63,932	-	-	-	-	-	63,932	-	235	14	-	-
Strip Permit No. 20-45	Clearfield	15,222	-	27,726	-	-	-	42,948	-	234	16	-	-
Strip Permit No. 20-47	Clearfield	38,996	-	5,501	-	-	-	44,497	-	234	9	-	-
Strip Permit No. 20-48	Clearfield	3,778	-	-	-	-	-	3,778	-	129	5	-	-
Total		182,542	-	33,227	-	-	-	215,769	-	58	-	1	-
SRP Coal Co., Inc.													
Strip Permit No. 1230-1 & 3	Clearfield	-	-	19,360	-	-	-	19,360	-	237	8	-	-
Strip Permit No. 1230-2A2	Clearfield	-	-	40,696	-	-	-	40,696	-	247	8	-	-
Total		-	-	60,056	-	-	-	60,056	-	16	-	-	-
Shawville Coal Co.													
Strip Permit No. 30-19	Clearfield	66,428	-	-	-	-	-	66,428	-	271	10	1	-
Strip Permit No. 30-30	Clearfield	36,766	-	-	-	-	-	36,766	-	226	9	-	-
Strip Permit No. 30-35	Clearfield	1,475	-	-	-	-	-	1,475	-	24	*	-	-
Strip Permit No. 30-36	Clearfield	10,398	-	-	-	-	-	10,398	-	268	5	-	-
Strip Permit No. 30-37	Clearfield	43,642	-	-	-	-	-	43,642	-	269	9	1	-
Strip Permit No. 30-50	Clearfield	34,766	-	-	-	-	-	34,766	-	269	9	-	2
Total		193,475	-	-	-	-	-	193,475	-	43	-	-	-

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Average	
		By Rail	By Water	By Truck	For Domestic Purposes	For Manufacture of Coke	Total Production of Coal	Total Production of Coke	Days of Worked	No. of Em-ployes	Fatal fatal acci-dents
Shiloh Contracting Co. Strip Permit No. 1124-4	Clearfield	-	-	14,182	-	-	14,182	-	113	8	-
Simca Mining, Inc. Strip Permit No. 529-12	Clearfield	-	-	44,030	-	-	44,030	-	233	13	-
Teeter Coal Co., John Strip Permit No. 147-6	Clearfield	-	-	55,355	-	-	55,355	-	252	17	-
Strip Permit No. 147-10	Clearfield	-	-	11,085	-	-	11,085	-	-	-	-
Total		-	-	66,440	-	-	66,440	-	-	17	-
District Total		740,928	-	1,282,914	-	-	2,023,842	-	241	452	7

NOTE: (a) Formerly operated by Swistock, Inc.
 (b) Completed May 10, 1977.
 (c) Completed September 13, 1977.
 * Men included with those at other operations same company.

District 45A

Avery Coal Co., Inc. Strip Permit No. 1194-3 & 4(a)	Clearfield	52,298	-	-	-	-	52,298	-	295	17	-
Benjamin Coal Co. Strip Permit No. 64-79	Clearfield	6,342	-	-	-	-	6,342	-	88	*	-
Strip Permit No. 64-84	Clearfield	66,445	-	-	-	-	66,445	-	253	14	-
Strip Permit No. 64-90	Clearfield	62,994	-	-	-	-	62,994	-	222	10	-
Strip Permit No. 64-138	Clearfield	22,488	-	-	-	-	22,488	-	132	10	-
Strip Permit No. 64-143	Clearfield	17,576	-	-	-	-	17,576	-	31	21	-
Strip Permit No. 64-146	Clearfield	15,434	-	-	-	-	15,434	-	179	*	-
Strip Permit No. 64-148	Clearfield	23,161	-	-	-	-	23,161	-	143	9	-
Strip Permit No. 64-161	Clearfield	44,885	-	-	-	-	44,885	-	143	12	-
Total		259,325	-	-	-	-	259,325	-	-	76	-
Compass Coal Co., Inc. Strip Permit No. 33-12	Clearfield	-	-	32,982	-	-	32,982	-	233	6	-

District 45A

Operators and Mines	County	Production of Coal & Coke - Net Tons										Fatal acci- dents	Non- acci- dents
		Shipped to Market			Coal Used				Total Production of Coal		Average Days Worked		
		By Rail	By Water	By Truck	Domestic Purposes	Locally for Manu- facture of Coke	Total Production of Coal	Total Production of Coke					
Continental Coal Co.	Clearfield	-	-	28,000	800	-	28,800	-	240	10	-	-	-
Strip Permit No. 1505-1													
France Refractories Co., J.H.	Clearfield	-	-	4,077	-	-	4,077	-	70	3	-	-	-
Strip Permit No. 525-364(b)													
Glen Irvan Corp.	Clearfield	-	-	13,028	-	-	13,028	-	247	5	-	-	-
Strip Permit No. 671-2													
Hartman Contractor, Warren C.	Clearfield	-	-	5,326	-	-	5,326	-	104	4	-	-	-
Strip Permit No. 1737-1													
Hepburnia Coal Co.	Clearfield	41,693	-	-	-	-	41,693	-	263	12	-	-	-
Strip Permit No. 14-41													
Strip Permit No. 14-48, 48A&48A2	Clearfield	61,183	-	-	-	-	61,183	-	263	8	-	-	-
Strip Permit No. 14-56	Clearfield	13,697	-	-	-	-	13,697	-	120	3	-	1	-
Strip Permit No. 14-57	Clearfield	22,311	-	-	-	-	22,311	-	160	3	-	-	-
Total		138,884	-	-	-	-	138,884	-	26	26	-	1	-
Ingram Coal Co.	Clearfield	-	-	19,903	-	-	19,903	-	232	2	-	-	-
Strip Permit No. 1476-1													
Jones Coal Co.	Clearfield	-	-	3,580	-	-	3,580	-	85	3	-	-	-
Strip Permit No. 667-8													
McDonald Land & Mining Co., Inc.	Clearfield	-	-	21,819	-	-	21,819	-	270	8	-	-	-
Strip Permit No. 659-2													
Strip Permit No. 659-5	Clearfield	-	-	23,558	-	-	23,558	-	256	6	-	-	-
Strip Permit No. 659-7	Clearfield	-	-	29,570	-	-	29,570	-	270	6	-	-	-
Strip Permit No. 659-8	Clearfield	-	-	36,876	-	-	36,876	-	270	8	-	-	-
Strip Permit No. 659-10	Clearfield	-	-	34,677	-	-	34,677	-	270	6	-	-	-
Total		-	-	146,500	-	-	146,500	-	34	34	-	-	-
New Shawmut Mining Co.	Clearfield	-	-	24,755	-	-	24,755	-	207	3	-	-	-
Strip Permit No. 196-14													
Owens Coal Mining Co.	Clearfield	-	-	5,219	-	-	5,219	-	56	4	-	-	-
Strip Permit No. 934-39													
Strip Permit No. 934-45	Clearfield	-	-	1,256	-	-	1,256	-	56	3	-	-	-
Strip Permit No. 934-40	Clearfield	-	-	21,757	-	-	21,757	-	216	7	-	-	-
Total		-	-	28,232	-	-	28,232	-	14	14	-	-	-
Pentz Coal Co., Inc.	Clearfield	-	-	-	23,330	-	23,330	-	232	2	-	-	-
Strip Permit No. 1521-1													
Sadoti Coal Co., Nick J.	Clearfield	-	-	61,845	-	-	61,845	-	279	19	-	1	-
Strip Permit No. 1364-1													

District 45A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market	By Rail	By Water	By Truck	Purposes of Coal	Manu- facture of Coke	Used in Coal	Total Produc- tion of Coal	Aver- age Days of Em- ployes Worked	Non- Fatal acci- dents
Shale Hill Coal Co., Inc. Strip Permit No. 586-6, 11 & 18 Strip Permit No. 586-22 Total	Clearfield	-	-	-	9,061	-	-	-	9,061	177	3)
	Clearfield	-	-	-	14,899	-	-	-	14,899	177	-
	Clearfield	-	-	-	23,960	-	-	-	23,960	-	3
	Total	-	-	-	-	-	-	-	-	-	-
Shawville Coal Co. Strip Permit No. 30-29 Strip Permit No. 30-44 Strip Permit No. 30-46 Total	Clearfield	33,229	-	-	-	-	-	-	33,229	239	12
	Clearfield	6,391	-	-	-	-	-	-	6,391	123	*
	Clearfield	14,913	-	-	-	-	-	-	14,913	144	6
	Total	54,533	-	-	-	-	-	-	54,533	-	18
Strishock Coal Co. Strip Permit No. 214-13 Thomas Coal Co., Inc. Strip Permit No. 42-3 Strip Permit No. 42-14 Strip Permit No. 42-16 Strip Permit No. 42-17 Strip Permit No. 42-18 (c) Strip Permit No. 42-21 Strip Permit No. 42-22 Strip Permit No. 42-24 Strip Permit No. 42-26 Strip Permit No. 42-27 Total	Clearfield	30,109	-	-	-	-	-	-	30,109	278	4
	Clearfield	3,814	-	-	-	-	-	-	3,814	136	*
	Clearfield	40,008	-	-	22,000	-	-	-	62,008	258	14
	Clearfield	10,200	-	-	10,096	-	-	-	20,296	228	6
Union Clay Co., Inc. Strip Permit No. 444-3&3A Strip Permit No. 444-7 Total	Clearfield	8,265	-	-	-	-	-	-	8,265	164	3
	Clearfield	-	-	-	-	-	-	-	-	83	2
	Clearfield	35,900	-	-	20,077	-	-	-	55,977	243	8
	Clearfield	1,755	-	-	-	-	-	-	1,755	25	10
Warquier Coal Co. Strip Permit No. 1400-2 & 2A District Total	Clearfield	36,930	-	-	-	-	-	-	36,930	253	9
	Clearfield	10,072	-	-	-	-	-	-	10,072	159	8
	Clearfield	44,641	-	-	-	-	-	-	44,641	221	9
	Total	191,585	-	-	52,173	-	-	-	243,758	-	69
Warquier Coal Co. Strip Permit No. 1400-2 & 2A District Total	Clearfield	-	-	-	2,168	-	-	-	2,168	28	7)
	Clearfield	-	-	-	22,636	-	-	-	22,636	197	-
	Clearfield	-	-	-	24,804	-	-	-	24,804	-	7
	Total	13,479	-	-	40,889	-	-	-	54,368	283	10
District Total		740,213	-	-	510,054	24,130	-	-	1,274,397	216	335

NOTE: (a) Formerly operated by W.C. Hartman Contracting, Inc.
 (b) Information taken from monthly reports as no Annual Report was submitted.
 (c) Backfilling.
 * Men included with those at other operations, same company.

District 46

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total		Total		Non-	
		By Rail	By Water	By Truck	Domestic Purposes of Coal	Locally for Manufacture of Coal	Production of Coke	Production of Coke	Age of Worked	Fatal acci-	Fatal fatal
									days	idents	deaths
Avery Coal Co., Inc.	Clinton	71,527	-	-	-	-	71,527	-	130	26	-
Strip Permit No. 522-16(a)											
Benjamin Coal Co.	Elk	-	-	6,933	-	-	6,933	-	107	5	-
Strip Permit No. 1479-1											
Bennetts Coal Co.	Elk	-	-	9,458	-	-	9,458	-	176	4	-
Strip Permit No. 599-14											
Strip Permit No. 599-16	Elk	-	-	9,831	-	-	9,831	-	149	3	-
Strip Permit No. 599-17	Elk	-	-	6,675	-	-	6,675	-	78	*	-
Total		-	-	25,964	-	-	25,964	-		7	-
C & K Coal Co.	Elk	376	-	42	-	-	418	-	12	1	-
Strip Permit No. 4-100	Elk	892	-	99	-	-	991	-	25		-
Strip Permit No. 4-101		1,268	-	141	-	-	1,409	-		1	-
Carlin, Inc., R.S.	Clinton	-	-	6,299	-	-	6,299	-	99	4	-
Strip Permit No. 134-37(b)(c)											
Confer Brothers Coal Co.	Clinton	-	-	7,900	-	-	7,900	-	250	18	-
Strip Permit No. 869-1	Clinton	-	-	68,869	-	-	68,869	-			-
Strip Permit No. 869-3	Clinton	-	-	54,804	-	-	54,804	-			-
Strip Permit No. 869-4	Clinton	-	-	131,573	-	-	131,573	-		18	-
Total		-	-		-	-		-			-
Cooks Run Coal Co.	Clinton	-	-	43,884	-	-	43,884	-	224	11	-
Strip Permit No. 1256-1	Clinton	-	-	-	-	-	-	-	101	*	-
Strip Permit No. 1256-2(c)	Clinton	-	-	17,462	-	-	17,462	-	223	2	-
Strip Permit No. 1256-3	Clinton	-	-	61,346	-	-	61,346	-		13	-
Total		-	-		-	-		-			-
Doan Coal Co.	Jeff.-Elk	6,576	-	3,307	-	-	9,883	-	122	3	-
Strip Permit No. 154-9	Elk	29,378	-	7,129	-	-	36,507	-	278	7	-
Strip Permit No. 154-11	Elk	3,757	-	-	-	-	3,757	-	126	*	-
Strip Permit No. 154-12	Elk	538	-	182	-	-	720	-	6		-
Auger-BAM-597	Jeff.-Elk	40,249	-	10,618	-	-	50,867	-		13	-
Total		-	-		-	-		-			-
Equire Fuel Co.	Elk	-	-	42,317	-	-	42,317	-	257	7	-
Strip Permit No. 263-7											
Fairview Coal Co.	Elk	-	-	12,030	-	-	12,030	-	306	9	-
Strip Permit No. 1244-3	Elk	-	-	12,106	-	-	12,106	-			-
Strip Permit No. 1244-4	Elk	-	-	36,903	-	-	36,903	-			-
Strip Permit No. 1244-5	Elk	-	-	1,671	-	-	1,671	-			-
Auger-BAM-727		-	-	62,710	-	-	62,710	-		9	-
Total		-	-		-	-		-			-

District 46

		Production of Coal & Coke - Net Tons									
Operators and Mines	County	Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Average Days of Employment	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	of Coal	of Coke	of Coke	No. of Em- ployes	Fatal acci- dents
Fink & Stackhouse, Inc. Strip Permit No. 524-262A Strip Permit No. 524-2C	Clinton	-	-	-	-	-	-	-	-	165	3)
	Clinton	-	-	2,224	-	-	2,224	-	-	102	-
Total		-	-	2,224	-	-	2,224	-	-	3	-
Glen Irvan Corp. Strip Permit No. 671-7 Strip Permit No. 671-9	Elk	-	-	32,273	-	-	32,273	-	-	124	7)
	Elk	-	-	26,281	-	-	26,281	-	-	161	-
		-	-	58,554	-	-	58,554	-	-	7	-
Total		-	-	-	-	-	-	-	-	-	-
Harbison-Walker Refractories Strip Permit No. 266-15(b)	Clinton	-	-	12,362	-	-	12,362	-	-	104	3
Kristianson & Johnson Coal Co. Strip Permit No. 56-49	Clinton	-	-	74,638	-	-	74,638	-	-	248	13
New Shawmut Mining Co. Strip Permit No. 196-12A	Elk	-	-	3,962	-	-	3,962	-	-	177	2
Owens Coal Mining Co. Strip Permit No. 934-6 Strip Permit No. 934-18	Elk	-	-	11,192	-	-	11,192	-	-	196	*
Strip Permit No. 934-22	Elk	-	-	63,205	-	-	63,205	-	-	235	3
Strip Permit No. 934-34	Elk	-	-	35,966	-	-	35,966	-	-	184	3
Strip Permit No. 934-41	Elk	-	-	14,859	-	-	14,859	-	-	196	3
	Elk	-	-	19,404	-	-	19,404	-	-	174	3
Total		-	-	144,626	-	-	144,626	-	-	12	1
P & N Coal Co., Inc. Strip Permit No. 32-42 Strip Permit No. 32-46	Elk	29,000	-	972	-	-	29,972	-	-	232	31)
Strip Permit No. 32-62	Elk	-	-	-	-	-	-	-	-	22	-
Strip Permit No. 32-68	Elk	43,110	-	1,456	-	-	44,566	-	-	241	-
Strip Permit No. 32-84	Elk	30,431	-	1,030	-	-	31,461	-	-	222	-
Strip Permit No. 32-74	Elk	32,853	-	2,539	-	-	35,392	-	-	233	-
Strip Permit No. 32-92C	Elk	58,355	-	58,355	-	-	116,710	-	-	224	15)
Auger-BAN-728	Elk	-	-	2,077	-	-	2,077	-	-	11	-
	Elk	1,585	-	-	-	-	1,585	-	-	(d)	2
Total		195,334	-	66,429	-	-	261,763	-	-	48	-
Quinn Coal & Clay Mines Strip Permit No. 530-1,3&5 R & R Coal Co. Strip Permit No. 135-13	Clinton	-	-	47,559	-	-	47,599	-	-	251	19
	Elk	-	-	48,803	-	-	48,803	-	-	296	7

District 46

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Locally Used in Coal		Total Production of Coal		Average Days Worked		Non-Fatal Accidents	
		By Rail	By Water	By Truck	For Domestic Purposes	Manu- facture of Coke	Total Production of Coal	Age	No. of Em- ployes	Fatal acci- dents	Non-fatal acci- dents
River Hill Coal Co., Inc.	Clinton	51,754	-	-	-	-	51,754	294	18	-	-
Strip Permit No. 20-43	Clinton	49,626	-	-	-	-	49,626	286	11	-	-
Strip Permit No. 20-46		101,380	-	-	-	-	101,380	-	29	-	-
Total											
Shawville Coal Co.	Clinton	30,001	-	-	-	-	30,001	268	8	-	1
Strip Permit No. 30-43											
Tamburlin Brothers Coal Co., Inc.	Elk	-	-	31,476	-	-	31,476	296	3	-	-
Strip Permit No. 472-4	Elk	-	-	24,360	-	-	24,360	244	3	-	-
Strip Permit No. 472-7	Elk	-	-	19,566	-	-	19,566	180	3	-	-
Strip Permit No. 472-8		-	-	75,402	-	-	75,402	-	9	-	-
Total											
Vollmer, Lawrence B.	Elk	-	-	646	-	-	646	144	2	-	-
Strip Permit No. 142-1											
District Total		439,759	-	883,106	-	-	1,322,865	231	265	-	2

NOTE: (a) Formerly operated by Swistock, Inc.
 (b) Information taken from monthly reports as no Annual Report was submitted.
 (c) Backfilling.
 (d) Coal was augured in 1976 and loaded out in 1977.
 * Men included with those at other operations, same company.

District 47

Carlin, Inc., R.S.	Centre	-	-	39,538	-	-	39,538	242	11	-	-
Strip Permit No. 134-23											
Strip Permit No. 134-32	Centre	-	-	8,470	-	-	8,470	242	*	-	-
Strip Permit No. 134-38	Centre	-	-	41,894	-	-	41,894	242	7	-	-
Total		-	-	89,902	-	-	89,902	-	18	-	-

District 47

Operators and Mines	County	Production of Coal & Coke - Net Tons										Total Produc- tion of Coke	Aver- age Days of Em- ployes Worked	Fatal acci- dents	Non- fatal acci- dents
		Shipped to Market		Coal Used		Locally Used in Manu- facture		Domestic Purposes		Truck					
		By Rail	By Water	By Truck	Locally for	Domestic of Coke									
Operators and Mines															
Elliott Coal Mining Co., Inc.															
Strip Permit No. 59-7	Centre	-	-	35,717	-	-	-	-	-	-	35,717	239	17	2	-
Strip Permit No. 59-31	Centre	-	-	6,213	-	-	-	-	-	-	6,213	236	*	-	-
Strip Permit No. 59-32	Centre	-	-	18,894	-	-	-	-	-	-	18,894	316	4	-	-
Strip Permit No. 59-34	Centre	-	-	-	-	-	-	-	-	-	-	95	*	-	-
Total		-	-	60,824	-	-	-	-	-	-	60,824	-	21	2	-
Fisher Mining Co.															
Strip Permit No. 637-1	Lycoming	-	-	186,937	-	-	-	-	-	-	186,937	299	25	1	-
Halfway Coalyard, Inc.															
Strip Permit No. 1276-1	Centre	-	-	10,627	338	-	-	-	-	-	10,965	139	7	-	-
Strip Permit No. 1276-2	Centre	-	-	39,036	-	-	-	-	-	-	39,036	191	3	-	-
Strip Permit No. 1276-3	Centre	-	-	38,349	-	-	-	-	-	-	38,349	189	17	-	-
Strip Permit No. 1276-4	Centre	-	-	16,004	-	-	-	-	-	-	16,004	22	*	-	-
Strip Permit No. 1276-5	Centre	5,000	-	31,756	-	-	-	-	-	-	36,756	131	10	-	-
Strip Permit No. 1276-6	Centre	5,855	-	6,209	-	-	-	-	-	-	12,064	60	11	-	-
Total		10,855	-	141,981	338	-	-	-	-	-	153,174	-	48	-	-
Johnson & Morgan															
Strip Permit No. 490-6	Centre	118,124	-	136,386	-	-	-	-	-	-	134,487	236	14	-	-
Strip Permit No. 490-8	Centre	118,124	-	136,386	-	-	-	-	-	-	120,023	241	16	-	-
Total		-	-	-	-	-	-	-	-	-	254,510	-	30	-	-
Jones & Brague Mining Co.															
Strip Permit No. 7-23	Lycoming	-	-	134,211	10	-	-	-	-	-	134,221	278	9	-	-
Strip Permit No. 7-30	Lycoming	-	-	58,205	-	-	-	-	-	-	58,205	276	7	-	-
Strip Permit No. 7-33	Lycoming	-	-	4,077	-	-	-	-	-	-	4,077	40	*	-	-
Total		-	-	196,493	10	-	-	-	-	-	196,503	-	16	-	-
Moore & Son, Inc., W.G.															
Strip Permit No. 313-4, 5&6	Centre	-	-	59,609	-	-	-	-	-	-	59,609	258	20	-	-
Percival, Paul															
Strip Permit No. 131-1	Lycoming	-	-	97,133	-	-	-	-	-	-	97,133	328	18	-	-
Power Contracting Co., Inc.															
Strip Permit No. 1078-9	Centre	-	-	61,717	-	-	-	-	-	-	61,717	300	3	1	-
River Hill Coal Co., Inc.															
Strip Permit No. 20-42	Centre	53,575	-	-	-	-	-	-	-	-	53,575	237	16	-	-

District 47

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	Locally for Manufacture of Coal	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Non-Fatal Accidents
Stott Coal Co., Inc. James M	Centre	51,722	-	-	-	-	51,722	-	234	16	-
Strip Permit No. 278-11		234,276	-	1,030,982	348	-	1,265,606	-	243	231	4
District Total											

NOTE: * Men included with those at other operations, same company.

District 49

Eastern Mining Co.	Tioga	-	-	54,787	-	-	54,787	-	203	22	-
Strip Permit No. 1357-2		-	-	-	-	-	-	-	-	-	-
Jones & Brague Mining Co.	Tioga	-	-	114,313	2,320	-	116,633	-	285	18	-
Strip Permit No. 7-25		-	-	78,141	-	-	78,141	-	285	15	-
Strip Permit No. 7-29	Tioga	-	-	89,582	-	-	89,582	-	285	12	3
Strip Permit No. 7-31	Tioga	-	-	138,348	-	-	138,348	-	285	21	1
Strip Permit No. 7-32	Tioga	-	-	42,028	-	-	42,028	-	256	5	-
Strip Permit No. 7-34	Tioga	-	-	24,977	-	-	24,977	-	41	*	-
Strip Permit No. 7-35	Tioga	-	-	487,389	2,320	-	489,707	-	71	1	4
Total											
P & M Coal Co.	Tioga	-	-	58,374	-	-	58,374	-	287	24	-
Strip Permit No. 1477-2		-	-	-	-	-	-	-	-	-	-
Percival, John	Tioga	-	-	78,194	145	-	78,339	-	293	18	-
Strip Permit No. 1087-2		-	-	-	-	-	-	-	-	-	-
District Total											
		-	-	678,744	2,465	-	681,209	-	274	135	4

NOTE: * Men included with those at other operations, same company.

Production of Coal & Coke - Net Tons												
	County	Shipped to Market		By Truck	Coal Used		Total Production of Coal	Total Production of Coke	Average No. Days Worked	Fatal Accidents	Non-fatal Accidents	
		By Rail	By Water		Locally for Domestic Purposes	Manu- facture of Coke						
Operators and Mines												
Ace Drilling Coal Co., Inc.												
Strip Permit No. 218-16	Blair	887	-	2,642	-	-	3,529	-	90	4	-	
Strip Permit No. 218-23	Blair	2,500	-	2,335	-	-	4,835	-	87	2	-	
Strip Permit No. 218-26	Blair	9,640	-	13,131	-	-	22,771	-	67	8	-	
Total		13,027	-	18,108	-	-	31,135	-		14	-	
B. B. & B. Strip												
Strip Permit No. 1536-1	Bedford	-	-	378	-	-	378	-	95	2	-	
Krieger Coal, Inc.												
Strip Permit No. 519-4	Bedford	-	-	1,008	-	-	1,008	-	118	2	-	
L & B Coal Co.												
Strip Permit No. 270-9	Huntingdon	-	-	3,200	-	-	3,200	-	93	3	-	
Strip Permit No. 270-10	Fulton	-	-	-	-	-	-	-	54	-	-	
Strip Permit No. 270-11	Fulton	-	-	14,200	-	-	14,200	-	212	4	-	
Total		-	-	17,400	-	-	17,400	-		7	-	
Low Vol Energies, Inc.												
Strip Permit No. 1483-2	Bedford	-	-	94,000	-	-	94,000	-	245	22	-	
New Enterprise Stone & Lime Co.												
Strip Permit No. 796-2(a)	Bedford	-	-	34,985	-	-	34,985	-	227	15	-	
Richards, Kenneth G.												
Strip Permit No. 453-4A	Bedford	-	-	17,345	400	-	17,745	-	215	3	-	
Swistock, Inc.												
Strip Permit No. 522-11(a)	Huntingdon	-	-	1,000	-	-	1,000	-	26	6	-	
Strip Permit No. 522-13(a)	Bedford	-	-	3,477	-	-	3,477	-	112	-	-	
Strip Permit No. 522-20(a)	Bedford	-	-	11,340	-	-	11,340	-	131	6	-	
Total		-	-	15,817	-	-	15,817	-		12	-	
District Total		13,027	-	199,041	400	-	212,468	-	177	77	-	

NOTE: (a) Information taken from monthly reports as no Annual Report was submitted.

GEOGRAPHICAL TABLE

District 1

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Number and Type		Pounds of Explosives Used	
				Shaft	Slope	Lamps	Used	Other	Permissible
			Inches	Depth	Length	Degrees	Drift	Caseous or	Flame
								Noncaseous	Open
								Safety	Electric
								Nitrate	Dynamite
									(Name)
Bethlehem Mines Corp. Fawn No. 91	Butler	Up. Freeport	52	-	-	-	Drift	Caseous	-
									57 195
Kutsch Coal Mine Inc. Kutsch	Butler	Up. Freeport	40	-	-	-	Drift	Noncaseous	-
									1 -
Ruppel Steel Corp. Russellton	Allegheny	Up. & Lo. Free.	78	226'	350'	13°53'	-	Caseous	-
									59 225
									- 2,500
									District Total
									- 117 420
									- 100 5,000

* Tovex
** EL844

District 2

Tesone Coal Co. Nan-Lee	Armstrong	L. Kittanning	42	-	-	-	Drift	Noncaseous	-
									- 40
									District Total
									- 40

District 3

Emerald Mines Corp. Emerald No. 1	Greene	Pittsburgh	72	650'	2100'	16½°	-	Caseous	-
									36 250
Nemacolin Mines Corp. Nemacolin	Greene	Pittsburgh	90	250'	875'	19°	-	Caseous	-
									70 550
United States Steel Corp. Dilworth	Greene	Pittsburgh	83	332'	789'	15°	-	Caseous	-
									58 334
									- 800*
									District Total
									- 112'
									209' 470'
									454'
Robena No. 1 & MUS	Greene	Pittsburgh	90	209'	470'	18°	-	Caseous	-
									64 465
									- 1,900*

District 3

Operators and Mines											
United States Steel Corp.(continued)											
Robena No. 2	Green	Pittsburgh	Height of Seam Inches	Kind of Opening		Drift	Number and Type		Pounds of Explosives Used		
				Slope	Shaft		Lamps Used	Other	Ammonium Nitrate	Dynamite (Name)	
			378'	-	-	-	-	70	400	-	400*
			558'	-	-	-	-	-	-	-	-
			654'	-	-	-	-	-	-	-	-
			503'	-	-	-	-	-	-	-	-
			578'	-	-	-	-	-	-	-	-
Robena No. 3	Greene	Pittsburgh	90	586'	-	-	-	69	367	-	800*
			452'	-	-	-	-	-	-	-	-
			-	-	-	-	-	4	58	-	-
								265	1,624	-	3,900
		</									

* Red Diamond Gel

District 4

B. & M. Coal Co. B. & M. No. 2 Central Cambria Drilling Co. Blacksville No. 1 Humphrey No. 7	Greene	Sewickley	48	-	-	-	-	-	-	-
			84	600'	-	-	-	-	-	-
			84	632'	-	-	-	-	-	-
Dunkard Mining Co. Dunkard Duquesne Light Co. Warwick No. 2 Warwick No. 3	Greene	Sewickley	54	-	-	-	-	-	-	-
			84	-	-	-	-	-	-	-
			52	-	-	-	-	-	-	-
Eberhart, George R. Titus Francis Fuel Inc. Francis Fuel	Greene	Sewickley	48	-	-	-	-	-	-	-
			54	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-

District 4

Operators and Mines	County	Name of Coal Bed	Height of Shaft:	Kind of Opening		Inches:Depth:	Length:Degrees:	Drift:	Number and Type			Pounds of Explosives Used		
				Slope	Drift:				Lamps Used	Flame	Elec- Safety:	Nitrate	Dynamite (Name)	
Johnson Co., R.G.														
Cumberland Air Shaft #2	Greene	Pittsburgh	96	695'4"	-	-	-	-	2	2	-	-	24,671*	
Cumberland Air Shaft #3	Greene	Pittsburgh	84	625'	-	-	-	-	2	-	-	-	250	
Cumberland Air Shaft #4	Greene	Pittsburgh	84	-	-	-	-	-	2	2	-	-	-	
Cumberland Air Shaft #5	Greene	Pittsburgh	84	210'	-	-	-	-	2	2	-	-	8,650*	
Warwick No. 2 North Portal Shaft	Greene	Sewickley	60	360'	-	-	-	-	2	15	-	-	22,250*	
									10	21	-	250	55,571	
Triangle Enterprises														
Bren-Mar	Greene	Sewickley	54	-	-	-	-	Drift Nongaseous	-	6	30	-	-	
United States Steel Corp.														
Cumberland "c"	Greene	Pittsburgh	78	750'	2,200'	17°	-	Gaseous	-	42	100	-	50	
Zeni-McKinney-Williams Corp.														
Cumberland "c"	Greene	Pittsburgh	84	-	2,500'	17°	-	Gaseous	-	4	90	-	500	
					2,500'	17°								
								District Total	-	215	886	-	23,800 55,571	

* Atlas Gel Coalite Z

District 5

Consolidation Coal Co.														
Renton	Allegheny	Double Freeport	84	511'	-	-	-	Gaseous	-	93	425	-	-	4,950
Harmar Coal Co.														
Harmar	Allegheny	Thick Freeport	84	-	575'	14.02°	-	Gaseous	-	45	248	-	-	200
Oakmont	Allegheny	Thick Freeport	84	-	674'	13°	-	Gaseous	-	40	160	-	-	-
								Total	-	85	408	-	-	200
Republic Steel Corp.														
Newfield	Allegheny	Thick Freeport	72	561'	1,450'	16°	-	Gaseous	-	28	289	-	-	1,500**
								District Total	-	206	1,122	-	-	11,950

* Tovex
** Gelobel

District 6

						Kind of Opening			Number and Type		
						Shaft:	Slope		Lamps Used	Pounds of Explosives Used	
Height of	Geological Name	County	Inches:Depth	Length	Degrees:Drift	:Gaseous or:	:Flame :Elec-	:Ammonium			Other
Seam :						:Nongaseous:Open:	Safety:	Nitrate			Permissible
											(Name)
60	Pittsburgh	Washington	800'	17°	-	Gaseous	-	145	440	-	5,000
66	Pittsburgh	Allegheny	-	-	-	Drift Gaseous	-	27	155	-	-
						Total	-	172	595	-	5,000
66	Pittsburgh	Washington	-	-	-	Drift Gaseous	-	145	750	-	-
						District Total	-	317	1,345	-	5,000

District 7

67	Pittsburgh	Washington	278'	1,249'	17°	-	Gaseous	-	90	460	-	6,000*
			305'	1,270	17°	-	Gaseous	-	93	583	-	3,000**
							Total	-	183	1,043	-	9,000
			410'									
			258'									
			268'	915'	3°	Drift Gaseous	-	82	386	-	100#	
			259'									
			382'									
			251'	-	-	-	Gaseous	-	98	432	-	250#
							Total	-	180	818	-	350
							District Total	-	363	1,861	-	9,350

* Tovex
 ** Hercogel
 # R. D. Gel

Bethlehem Mines Corp.
 Ellsworth No. 51
 Somerset No. 60

United States Steel Corp.

Maple Creek No. 1

Maple Creek No. 2

District 10

County	Geological Name of Coal Bed	Seam	Inches	Depth	Kind of Opening		Height	Number and Type		Pounds of Explosives Used	
					Shaft	Slope		Lamps	Used	Other	Permissible
					Drift	Drift		Flame	Electric	Ammonium Nitrate	Dynamite (Name)
Armstrong	Up. Freeport	36	-	-	-	Drift	Nongaseous	-	36	85	-
	Up. Freeport	42	-	245'	198'	16° 15'	Gaseous	-	90	340	-
	Up. Freeport	39	105'	935'	975'	-	Gaseous	-	20	70	-
	Lo. Freeport	54	-	335'	-	-	Gaseous	-	123	553	-
	Up. Freeport	42	-	-	-	Drift	Gaseous	-	42	180	-
Armstrong	Up. Freeport	42	-	385'	9°	-	Gaseous	-	20	80	-
							Total	-	295	1,223	-
Armstrong	Lo. Freeport	56	176'	-	-	-	Gaseous	-	2	-	-
							District Total	-	333	1,308	-

* 1,700 lbs. Gelobel, 900 lbs. Tovell and 700 lbs. Duobel C.

** Duobel C.

Super Gel A.

District 11

Canterbury Coal Co. David Dianne	Armstrong Armstrong	Thick Freeport Lo. Kittanning	108 50	- 110'	- 1,200'	- 10°	Drift Gaseous Nongaseous Total	- - 77	75 2 205	175 30 -	- - -	17,600* 320* 17,920
	Allegheny	Up. Freeport	78	-	-	-	Drift Gaseous	-	1	1	-	-
Creighton Hills Coal Co. Creighton Hills Kaskan Coal Co. Kaskan No. 2 Leechburg Mining Co. Foster	Armstrong	Up. Freeport	54	-	120'	-	Nongaseous	-	-	4	-	-
	Armstrong	Lo. Kittanning	48	45'	120'	16°	Drift Gaseous	-	27	87	-	1,000**
	Westmoreland	Up. Freeport	45	-	-	-	Drift Nongaseous	-	6	8	-	300#
	Partner Coal Co. Gilmur No. 1	Up. Freeport	44	-	-	-	Drift Nongaseous	-	2	8	-	2,900#

District 11

Operators and Mines	County	Geological Name	Inches	Depth	Length	Slope	Kind of Opening		Height of Shaft	Drift	Number and Type		Pounds of Explosives Used
							Shaft	Slope			Lamps Used	Other	
											</		

* Tovex
 ** Austin
 # Coalite
 ## Dupont

District 12

Crescent Hills Coal Co., Inc.	Allegheny	Pittsburgh	113'	-	-	-	-	-	Drift Nongaseous	-	25	85	-	-
Ocean No. 5			72	183'	-	-	-	-	Drift Gaseous	-	12	123	-	1,400*
Eastern Associated Coal Corp.	Westmoreland	Up. Freeport	52	-	-	-	-	-	Drift Gaseous	-	75	300	-	1,000**
Delmont									Gaseous	-	112	508	-	2,400
Republic Steel Corp.	Westmoreland	Pittsburgh	90	-	820'	16°	-	-	District Total	-	112	508	-	2,400
Banning No. 4														

* Hercules Red HA.
 ** Gelobel

District 13

County	Operators and Mines of Coal Bed	Geological Name	Inches:Depth	Length:Degrees:Drift	Kind of Opening		Number and Type					Pounds of Explosives Used	Other Permis- sible Dynamite (Name)
					Shaft	Slope	Drift	Lamps Used	Flame	Elec- tric	Nitrate		
Greene	Shannopin	Pittsburgh	191'	-	-	Gaseous	-	44	510	-	-	19,300*	
			449'										
			448'										
Fayette	Isabella United States Steel Corp.	Pittsburgh	86	-	700'	14°	Gaseous	-	67	231	-	1,600	
Fayette	Mt. Braddock	Pittsburgh	108	-	-	-	Drift Gaseous	-	23	110	-	-	
			District Total					-	134	851	-	20,900	

District 14

Brockious, Harold E. Brockious Cannel Coal Co., Inc. Cannel No. 1 Copper Valley Coal Co., Inc. Copper Valley No. 6 Davis Coal Co. Davis No. 3 Doverspike Brothers Coal Co. Ringgold No. 2 Sugarcamp Kennedy Coal Co. Kennedy No. 4 Kniseley Coal Co. Kniseley No. 10	Armstrong	Up. Kittanning	50	-	-	-	-	-	1	1	-	-	50*
	Armstrong	Up. Kittanning	72	-	-	-	-	-	3	7	-	-	-
	Indiana	Up. Freeport	38	-	-	-	-	-	4	40	-	-	-
	Indiana	Up. Freeport	40	-	-	-	-	-	-	3	-	300	-
	Jefferson	Lo. Freeport	32	-	-	-	-	-	3	16	-	-	-
	Indiana	Lo. Kittanning	40	-	-	-	-	-	5	26	-	50	-
									8	42	-	50	-
	Jefferson	Lo. Freeport	23	-	-	-	-	-	2	7	-	-	-
	Jefferson	Lo. Freeport	54	-	-	-	-	-	2	12	-	-	-

District 14

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Depth	Length	Degrees	Kind of Opening		Number and Type		Pounds of Explosives Used		
								: Shaft	: Slope	: Drift	: Lamps Used	: Flame	: Elec- tric	: Ammonium Nitrate	: Other Permis- sible
Kraynak Coal Co.	Indiana	Lo. Freeport	36	-	-	-	-	Drift	Nongaseous	-	1	4	-	2,350**
Kraynak No. 3														
Manor Mines, Inc.	Indiana	Up. Freeport	38	-	-	-	-	Drift	Nongaseous	-	5	35	-	-
Manor No. 8														
								District Total		-	26	151	-	350 2,400

* Austin

** Austin and DuPont

District 15

Dixonville Mining Co.	Indiana	Lo. Kittanning	40	-	-	-	Drift Nongaseous	-	2	8	-	-	-
Dixon Run No. 6													
F. P. & K. Coal Co.	Indiana	Lo. Freeport	36	-	-	-	Drift Nongaseous	-	2	-	-	750	-
Moros													
Glory Coal Co., Inc.	Indiana	Lo. Freeport	42	-	-	-	Drift Nongaseous	-	3	20	-	-	-
Glory No. 2													
Chestnut Ridge No. 1	Indiana	Lo. Kittanning	42	-	-	-	Drift Nongaseous	-	3	28	-	-	-
Dixon Run No. 3	Indiana	Lo. Kittanning	36	-	-	-	Drift Nongaseous	-	5	30	-	-	-
M.Y. No. 1	Indiana	Lo. Kittanning	32	-	-	-	Drift Nongaseous	-	5	23	-	-	-
Penn Hill No. 2	Indiana	Lo. Kittanning	40	-	-	-	Drift Nongaseous	-	5	36	-	-	-
							Total	-	18	117	-	-	-
Oneida Mining Co., The	Indiana	Lo. Kittanning	40	-	-	-	Drift Caseous	-	70	320	-	-	373*
Oneida No. 4													
Rochester & Pittsburgh Coal Co.	Indiana	Lo. Freeport	54	332'	1,250'	16° 15'	-	Caseous	-	30	120	-	150**
Urling No. 1	Indiana	Up. Freeport	42	256'	900'	16°	-	Caseous	-	25	95	-	50**
Urling No. 2	Indiana	Lo. Freeport	54	210'	2,800'	8°	-	Caseous	-	35	120	-	50**
Urling No. 3							Total	-	90	335	-	-	250
Valley Coal Co., Inc.	Indiana	Lo. Freeport	41	-	-	-	Drift Nongaseous	-	8	32	-	-	-
Valley No. 11													

District 15

Operators and Mines	County	Geological Name of Coal Bed	Inches: Depth: Length: Degrees: Drift: Nongaseous: Open: Safety: Elec: tric: Ammonium Nitrate Dynamite (Name)	Kind of Opening		Number and Type		Pounds of Explosives Used	Other Permissible							
				Shaft: Slope	Drift:	Lamps Used										
Valley Coal Co., Inc. (continued) Valley No. 12	Indiana	Lo. Freeport	42 - - -	Drift Nongaseous Total	8 40 72	-	-	-	-							
										District Total	-	201	872	-	750	623

* Gelcoalite 3
** Tovex

District 16

[illegible]

District 17

Associated Drilling Co., Inc. Kephart Rushton Mining Co. Rushton	Clearfield	Mid. Kittanning	32	-	-	-	Drift Nongaseous	-	12	55	-	250*	
	Centre	Brookville	55	230'	610'	16°	-	Gaseous	-	49	250	-	2,400
							District Total	-	61	305	-	2,650	

* Hercules Red HA

District 18

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible Dynamite (Name)					
				Shaft	Slope	Drift	Lamps Used									
			Inches	Depth	Length	Degrees	Drift	Non-gaseous	Open	Safety	Electric	Nitrate	Ammonium			
Barnes & Tucker Co. Lancashire No. 24B Lancashire No. 24D	Cambria	Lo. Kittanning	42	-	1,600'	14°	-	Gaseous	-	74	270	-	1,900			
		Lo. Freeport	42	-	800'	14°	-	Gaseous	-	101	350	-	6,600			
									Total	-	175	120	-	8,500		
Bethlehem Mines Corp. Revloc No. 32	Cambria	Lo. Kittanning	42	375'	-	-	-	Gaseous	-	60	425	-	-			
District Total											-	235	1,045	-	8,500	-

District 19

Barnes & Tucker Co. Lancashire No. 25 Greenwich Collieries Div. of Pa. Mines Corp. Greenwich No. 1 Greenwich No. 2	Cambria	Lo. Freeport	44	- -	- -	- -	- -	- -	Drift	Gaseous	-	100	360	-	4,900
Hillsdale Mining Co. Hillsdale No. 1 Laney Coal Co. Laney No. 9	Cambria	Lo. Freeport	42	415'	-	-	-	-	Drift	Gaseous	-	120	470	-	2,150*
	Indiana	Lo. Freeport	42	438'	-	-	-	-	Drift	Gaseous	-	130	480	-	3,600*
									Total		-	250	950	-	5,750
	Cambria	Mid. Kittanning	36	-	-	-	-	-	Drift	Non-gaseous	-	5	15	-	-
	Cambria	Lo. Kittanning	48-50	-	125' 7°	-	-	-	-	Non-gaseous	-	1	1	-	50
District Total											-	356	1,326	-	4,950
District Total											-	356	1,326	-	4,950

* Tovex

District 20

County	Geological Name of Coal Bed	Height of Seam	Inches	Kind of Opening		Depth	Length	Degrees	Drift	Number and Type			Pounds of Explosives Used	
				Shaft	Slope					Lamps Used	Other			
Cambria	Lo. Kittanning	42	643'											
			503'			10,500'	3.5°							
			36'											
			24'											
Cambria	Lo. Kittanning	36												
Cambria	Lo. Kittanning	42												
District Total										170	679	-	-	4,300

* Hercogel
** Atlas

District 21

Bethlehem Mines Corp. Ehrenfeld No. 38D Ehrenfeld No. 38-E Solomon Run No. 73	Cambria Cambria Cambria	Lo. Freeport Up. Freeport Up. Kittanning	36-54 30-45 43	254' - -	- - -	- - -	Drift Gaseous	-	45	300	-	-	2,400*
							Drift Nongaseous	-	14	40	-	-	300*
							Drift Gaseous	-	23	109	-	-	200
							Total	-	82	449	-	-	2,900
Harmony Mining Co. Harmony No. 1 Island Creek Coal Co. Bird No. 2 Bird No. 3	Cambria Somerset Cambria	Lo. Freeport Up. Kittanning Lo. Kittanning	40 42-44 42	- - 520'	- - -	3° - 14°	Drift Nongaseous	-	20	76	-	-	-
							Drift Gaseous	-	51	210	-	-	284**
							Gaseous	-	60	205	-	-	1,133**
							Total	-	111	415	-	-	1,417
Jandy Coal Co., Inc. Eureka No. 40 Longwall Mining, Inc. Longwall No. 1	Cambria Cambria	Up. Kittanning Up. Kittanning	72 50	250' -	- -	-	Drift Gaseous	-	16	97	-	-	-
							Drift Nongaseous	-	15	85	-	-	-
							District Total	-	244	1,122	-	-	4,317
Hercozel A (HP-299)													

* Hercogel A (HP-299)
** Monobel AA Tovex 300

District 22

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Inches:Depth	Degrees:Drift	Number and Type		Pounds of Explosives Used	
				Shaft	Slope			Lamps Used			Other
											Permissible
											Ammonium Nitrate
											(Name)
Bethlehem Mines Corp.											
Mine No. 78	Somerset	Up. Kittanning	48	-	-	Drift Gaseous	-	44	143	-	42,750*
Bloom Coal Co.											
Bloom No. 1	Somerset	Up. Kittanning	44	-	-	Drift Nongaseous	1	-	-	-	135**
Cairnbrook Coal Co., Inc.											
Cairnbrook No. 9	Somerset	Up. Kittanning	36	-	-	Drift Nongaseous	-	6	30	-	-
Consolidation Coal Co.											
Laurel	Somerset	Lo. Kittanning	84	-	1,240'16'42"	Gaseous	-	25	221	-	1,250
Country Club Coal Co.											
Country Club No. 6	Somerset	Up. Kittanning	40	-	-	Drift Nongaseous	-	3	10	-	4,050
Country Club No. 7	Somerset	Up. Kittanning	52	-	-	Drift Nongaseous	-	4	18	-	6,150
						Total		7	28	-	10,200
Hysora Fuel Co., Inc.											
Ralphon No. 1	Somerset	Up. Freeport	42	-	-	Drift Nongaseous	-	6	51	-	-
Huston Coal Co.											
Valent	Somerset	Up. Kittanning	39	-	230' 30°	Nongaseous	-	-	1	-	14**
J & D Mining, Inc.											
Miller Run	Somerset	Up. Kittanning	38	-	-	Drift Nongaseous	-	7	21	-	-
J. T. Coal Co.											
J. T. No. 2	Somerset	Up. Kittanning	40-46	-	-	Drift Nongaseous	-	9	42)	-	-
J. T. Coal Co., Div. of Reitz Coal Co.											
J. T. No. 2	Somerset	Up. Kittanning	40-46	-	-	Drift Nongaseous	-)	-	-	-
Lunar Mining, Inc.											
Solar No. 7	Somerset	Up. Kittanning	52	-	-	Drift Nongaseous	-	6	65	-	-
North Somerset Mining & Contracting Co., Inc.											
North Somerset No. 1	Somerset	Lo. Kittanning	48	-	-	Drift Nongaseous	-	26	60	-	-
Potochar & Potochar Coal Co.											
Potochar No. 2	Somerset	Up. Kittanning	37-42	-	-	Drift Nongaseous	-	-	2	-	650
Richland Coal Corp.											
Eureka No. 35 Lower	Somerset	Miller B	42	-	-	Drift Nongaseous	-	2	-	-	250**
St. Thomas Coal Co.											
St. Thomas	Somerset	Up. Kittanning	38	-	-	Drift Nongaseous	-	5	21	-	-
Solar Fuel Co., Div. of Gulf & Western Industries, Inc.											
Solar No. 5	Somerset	Up. Freeport	48	-	-	Drift Nongaseous	-	6	26	-	-
Trent Coal, Inc.											
Hritz	Somerset	Up. Kittanning	36	-	-	Drift Nongaseous	-	3	7	-	1,250**
						District Total		1	152	718	10,850 45,649

* HP-299
** Austin

District 25

	Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Number and Type		Pounds of Explosives Used						
					Shaft	Slope	Drift	Lamps Used	Ammonium Nitrate	Other					
				Inches	Depth	Length	Degrees	Drift	Gaseous or	Open	Safety	Electric	Dynamite	(Name)	
	Helmer Mining Co., The	Indiana	Up. Freeport	46	620'	2,700'	16½°	-	Gaseous	-	110	440	-	-	850*
	Helvetia Coal Co.	Indiana	Up. Freeport	42-66	636'	2,100'	16°15'	-	Gaseous	-	122	470	-	-	2,000**
	Lucerne No. 6	Indiana	Up. Freeport	42	-	338'	16°15'	-	Gaseous	-	42	160	-	-	390#
	Lucerne No. 8	Indiana	Up. Freeport	40	-	285'	16°	-	Gaseous	-	35	120	-	-	1,500
	Lucerne No. 9	Indiana	Lo. Freeport	40	-	-	-	-	Total	-	199	750	-	-	3,890
	North American Coal Corp., The	Indiana	Lo. Freeport	40	-	-	-	Drift	Nongaseous	-	16	102	-	-	1,500##
	Aulds Run No. 2	Indiana	Lo. Kittanning	40	-	-	-	Drift	Nongaseous	-	15	89	-	-	827g
	Josephine No. 2	Indiana	Up. Freeport	42	-	-	-	Drift	Nongaseous	-	31	191	-	-	1,000##
	Weimer Coal Co.	Indiana	Up. Freeport	42	-	-	-	Drift	Nongaseous	-	2	4	-	-	550g
	Weimer No. 1	Indiana	Up. Freeport	42	-	-	-	Drift	Nongaseous	-	2	4	-	-	3,877
									District Total	-	342	1,385	-	-	150#
									District Total	-	342	1,385	-	-	75g
									District Total	-	342	1,385	-	-	8,842

* Amos Dolby
 ** Tovex 320
 # Gelobel
 ## Coalite
 @ Coalmaster

District 26

	Bethlehem Mines Corp.	Washington	Pittsburgh	68	460'	-	-	-	Gaseous	-	120	584	-	-	-
	Marianna No. 58	Washington	Pittsburgh	62	-	-	-	-	Drift	Gaseous	-	75	305	-	7,000
	Consolidation Coal Co.	Washington	Pittsburgh	60	-	-	-	-	Drift	Gaseous	-	12	75	-	-
	Westland No. 1	Washington	Pittsburgh	60	-	-	-	-	Drift	Gaseous	-	87	380	-	-
	Westland No. 2	Washington	Pittsburgh	60	-	-	-	-	Drift	Gaseous	-	87	380	-	7,000
									Total	-	87	380	-	-	-

District 26

[illegible]

* Red "D" Gel

District 30

Operators and Mines	County	Name of Coal Bed	Geological Name	Height of Seam	Inches	Kind of Opening			Number and Type			Pounds of Explosives Used				
						:Shaft:	:Slope:	:Drift:	:Lamps:	:Used:	: :	: :	: :	Other		
						:Depth:	:Length:	:Degrees:	:Drift:	:Gaseous or:	:Flame :	:Elec-:	:Ammonium	:Nitrate	:Dynamite	: (Name)
AH-RS Coal Corp.																
Strip Permit No. 847-8	Butler	Mid. Kittanning		30	-	-	-	-	-	-	-	-	234,323	7,209	-	-
B&D Coal Co.																
Strip Permit No. 558-4	Butler	Lo. Kittanning		30	-	-	-	-	-	-	-	-	2,500,000	40,000	-	-
B&G Construction Co., Inc.																
Strip Permit No. 25-12	Butler	Up. Freeport		45	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 25-15	Butler	Up. Freeport		45	-	-	-	-	-	-	-	-	38,000	-	-	-
Baverso & Sons Construction & Mining Co., Inc.																
Strip Permit No. 1752-1	Butler	Up. Freeport		30	-	-	-	-	-	-	-	-	Total	38,000	-	-
Big B Mining Co., Inc.																
Strip Permit No. 633-4	Butler	Up. Freeport		38	-	-	-	-	-	-	-	-	50,000	8,000	-	-
Strip Permit No. 633-6	Butler	Up. Freeport		40	-	-	-	-	-	-	-	-	30,000	3,000	-	-
Strip Permit No. 633-7	Butler	Up. Freeport		40	-	-	-	-	-	-	-	-	-	-	-	-
Black Fox Mining & Development Corp.																
Strip Permit No. 289-18A	Butler	Up. Clarion		32-35	-	-	-	-	-	-	-	-	80,000	11,000	-	-
Strip Permit No. 289-19	Butler	Mid. Kittanning		24	-	-	-	-	-	-	-	-	500,000	9,000	500*	500*
Strip Permit No. 289-22A	Butler	Up. Clarion		32-35	-	-	-	-	-	-	-	-	160,000	12,000	500*	500*
Strip Permit No. 289-23	Butler	Clarion		32-35	-	-	-	-	-	-	-	-	40,000	3,000	150*	150*
Strip Permit No. 289-25	Butler	Up. Clarion		32-35	-	-	-	-	-	-	-	-	350,000	7,000	300*	300*
Bracken Construction Co.																
Strip Permit No. 1169-2	Butler	Up. Freeport		30	-	-	-	-	-	-	-	-	70,000	5,000	200*	200*
C&K Coal Co.																
Strip Permit No. 4-99	Butler	Brookville		30	-	-	-	-	-	-	-	-	1,120,000	36,000	1,650	1,650
Strip Permit No. 4-136	Butler	Brookville		42	-	-	-	-	-	-	-	-	156,730	32,760	-	-
Auger-BAM-828	Butler	Brookville		42	-	-	-	-	-	-	-	-	30,700	738	-	-
Duncan Coal Co.																
Strip Permit No. 1232-3	Butler	Lo. Kittanning		24	-	-	-	-	-	-	-	-	14,800	300	-	-
Strip Permit No. 1232-5	Butler	Mid. Kittanning		24	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1232-6	Butler	Lo. Freeport		24	-	-	-	-	-	-	-	-	-	-	-	-
H&D Coal Co.																
Strip Permit No. 1199-1	Mercer	Brookville		30	-	-	-	-	-	-	-	-	45,500	1,038	-	-
Strip Permit No. 1199-3	Butler	Mid. Kittanning		36	-	-	-	-	-	-	-	-	3,000	2,000	-	-
Total																
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District 30

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	
				Shaft	Slope	Drift	Lamps	Used		Ammonium Nitrate	Dynamite
				Inches	Depth	Length	Degrees	Drift	Caseous or Nongaseous	Open	Safety
Hawk Contracting, Inc. Strip Permit No. 1259-15	Butler	Up. Kittanning	22	-	-	-	-	-	-	-	-
Highwall Mining Co. Strip Permit No. 1548-2&2A	Butler	Up. Freeport	40-42	-	-	-	-	-	-	-	-
Kerry Coal Co. Strip Permit No. 41-44	Butler	Mid. Kittanning	30	-	-	-	-	-	-	-	-
King Coal Co. Strip Permit No. 1566-1	Butler	Up. Freeport	24	-	-	-	-	-	-	-	-
Large Coal Co., Inc. Strip Permit No. 1606-1	Butler	Up. Freeport	30	-	-	-	-	-	-	-	-
Lineal Industries, Inc., Energy Div. Strip Permit No. 1253-3	Butler	Mid. Kittanning	30	-	-	-	-	-	-	-	-
Lucas Coal Co. Strip Permit No. 174-12	Butler	Split Clarion	36	-	-	-	-	-	-	-	-
Strip Permit No. 174-13	Butler	Split Clarion	36	-	-	-	-	-	-	-	-
Lucas Coal Co., Inc. Strip Permit No. 1680-2	Butler	Brookville	18-32	-	-	-	-	-	-	-	-
Strip Permit No. 1680-3	Butler	Brookville	18-32	-	-	-	-	-	-	-	-
Miller & McKnight Coal Co., Inc. Strip Permit No. 240-17	Butler	Mid. Kittanning	36	-	-	-	-	-	-	-	-
Strip Permit No. 240-19	Butler	Mid. Kittanning	36	-	-	-	-	-	-	-	-
Nastasi Coal Co. Strip Permit No. 645-4	Butler	Mid. Kittanning	36	-	-	-	-	-	-	-	-
Perry Brothers Coal Co. Strip Permit Nos. 72-12, 16 & 17	Mercer	Brookville	36	-	-	-	-	-	-	-	-
S.B.P. Coal Co. Strip Permit No. 147-6	Butler	Up. Freeport	31	-	-	-	-	-	-	-	-
Strip Permit No. 147-7	Butler	Up. Freeport	31	-	-	-	-	-	-	-	-
S&C Pipeline Co. Strip Permit No. 1291-2	Mercer	Brookville	36	-	-	-	-	-	-	-	-
Strip Permit No. 1291-4 & 4A	Mercer	Brookville	20	-	-	-	-	-	-	-	-
Strip Permit No. 1291-5	Mercer	Brookville	20	-	-	-	-	-	-	-	-
Total										-	5

District 30

	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used :		
				Shaft :	Slope :	Drift :	Lamps :	Used :	Type :	Ammonium Nitrate :	Dynamite :	Other Permissible (Name)
Operators and Mines												
Sechan Limestone Industries, Inc.												
Strip Permit No. 588-6	Butler	Lo. Freeport	22	-	-	-	-	-	-	-	-	-
Smith, Lester E.	Butler	Up. Freeport	32	-	-	-	-	-	-	-	-	-
Sunbeam Coal Corp.	Butler	Mid. Kittanning	32	-	-	-	-	-	-	220,000	22,000	-
Strip Permit No. 179-20A	Butler	Up. Freeport	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 179-31	Butler	Up. Freeport	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 179-31A & 32	Butler	Up. Freeport	36	-	-	-	-	-	-	-	-	-
Tiche Limestone & Construction Co.	Butler	Cammel	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 207-1 & 2	Butler	Up. Freeport	40	-	-	-	-	-	-	-	-	-
West Freedom Mining Corp.	Butler	Up. Freeport	36	-	-	-	-	-	-	46,100	13,180	-
Strip Permit No. 68-27	Butler	Lo. Kittanning	38	-	-	-	-	-	-	234,375	42,100	-
Strip Permit No. 68-31	Butler	Up. Freeport	36	-	-	-	-	-	-	10,600	1,950	-
Strip Permit No. 68-32	Butler	Up. Freeport	36	-	-	-	-	-	-	58,050	19,960	-
Strip Permit No. 68-34	Butler	Up. Freeport	30	-	-	-	-	-	-	162,050	44,730	-
Strip Permit No. 68-35	Butler	Up. Freeport	36	-	-	-	-	-	-	233,060	34,796	-
Strip Permit No. 68-36	Butler	Up. Freeport	36	-	-	-	-	-	-	744,235	136,716	-
Western Hickory Coal Co., Inc.	Butler	Mid. Kittanning	26	-	-	-	-	-	-	371,775	7,000	-
Strip Permit No. 152-11	Butler	Brookville	36	-	-	-	-	-	-	16,575	300	-
Strip Permit No. 152-12	Butler	Brookville	48	-	-	-	-	-	-	388,350	7,300	-
Willowbrook Mining Co.	Mercer	Brookville	36	-	-	-	-	-	-	-	-	-
Strip Permit Nos. 130-6 & 8	Butler	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-
Wright, Inc., Grant R.	Butler	Lo. Kittanning	26	-	-	-	-	-	-	166,450	80,337	2,988**
Strip Permit No. 117-3A3	Butler	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-
Yates Brothers Coal Co.	Butler	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-
Strip Permit No. 1351-4	Butler	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-
District Total										8,577,904	629,671	5,338

* HDP Primer
** Primer

District 31

Operators and Mines		Kind of Opening			Number and Type			Pounds of Explosives Used		
		Height of Shaft:	Slope	Drift:	Lamps Used					Other
Geological Name	County	Seam	Inches:Depth	Degrees:Drift	:Gaseous or: Nongaseous	:Elec-: Safety:	Ammonium Nitrate	Dynamite	(Name)	
Ambrosia Coal & Construction Co.										
Strip Permit No. 103-4	Lawrence	28					101,000	500	-	
Strip Permit No. 103-5	Lawrence	28					145,000	700	-	
Strip Permit No. 103-13	Lawrence	28					218,000	1,000	-	
Strip Permit No. 103-14	Lawrence	28					-	-	-	
Strip Permit No. 103-16	Lawrence	28					50,000	100	-	
Total							514,000	2,300	-	
Brush Run, Inc.										
Strip Permit No. 1393-1	Beaver	48					3,426	-	-	
Carlson Mining										
Strip Permit No. 487-2A7	Lawrence	29					199,000	7,900	-	
Auger-BAM-596	Lawrence	29					-	-	-	
Total							199,000	7,900	-	
Darlington Brick & Clay Products Co.										
Strip Permit No. 336-4	Beaver	22-10					51,300	4,054	-	
Davis Brothers Coal Co.										
Strip Permit No. 1607-1	Beaver	50					-	-	-	
Eckenrode Coal Co.										
Strip Permit No. 1411-2	Beaver	22					-	-	-	
Strip Permit No. 1411-3	Lawrence	28					-	-	-	
General Mines, Inc.										
Strip Permit No. 1710-1	Beaver	30					-	-	-	
Kelly Mining Co.										
Strip Permit No. 521-2	Beaver	42					25,980	2,006	-	
Strip Permit No. 521-2A2	Beaver	42					-	-	-	
Total							25,980	2,006	-	
Kerry Coal Co.										
Strip Permit No. 41-33	Lawrence	32					385,400	5,149	-	
Strip Permit No. 41-36	Lawrence	32					594,000	3,960	-	
Strip Permit No. 41-37	Lawrence	22					6,000	60	-	
Strip Permit No. 41-40	Lawrence	32					16,000	120	-	
Strip Permit No. 41-42	Beaver	30					820,290	12,393	-	
Strip Permit No. 41-43	Lawrence	34					273,500	2,005	-	
Auger-BAM-729	Lawrence	32					-	-	-	
Auger-BAM-774	Beaver	30					-	-	-	
Total							2,095,190	23,687	-	

District 31

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible (Name)
				Shaft	Slope	Drift	Lamps Used	Flame	Electric		
Inches	Depth	Length	Degrees	Drift	Nongaseous	Open	Safety	Electric	Nitrate	Dynamite	(Name)
Medusa Cement Co. Strip Permit No. 360-1	Lawrence	Lo. Kittanning	22	-	-	-	-	-	-	-	-
Miller & McKnight Coal Co., Inc. Strip Permit No. 240-18	Lawrence	Mid. Kittanning	30	-	-	-	-	-	112,000	5,100	-
Mineo Coal Co., Samuel Strip Permit No. 1618-1	Lawrence	Mid. Kittanning	24	-	-	-	-	-	-	-	-
Perry Brothers Coal Co. Strip Permit No. 72-15	Lawrence	Mid. Kittanning	20	-	-	-	-	-	-	-	-
Pittsburgh Refractories, Inc. Strip Permit No. 495-2	Lawrence	Up. & Lo. Kitt.	18-28	-	-	-	-	-	-	-	-
Thompson Mining Co. Strip Permit No. 523-1	Lawrence	Lo. Kittanning	30	-	-	-	-	-	340,800	43,900	-
Veon Inc., Ralph A. Strip Permit No. 40-9	Lawrence								336,570	3,963	-
Strip Permit No. 40-10	Lawrence								203,255	5,194	-
Strip Permit No. 40-16	Lawrence								39,290	601	-
Strip Permit No. 40-17	Lawrence	Mid. & Lo. Kitt. 80-100	-	-	-	-	-	-	40,770	1,488	-
Strip Permit No. 40-19	Lawrence								69,492	3,947	-
Strip Permit No. 40-20	Lawrence								689,377	15,193	-
Verica Construction Co. Strip Permit No. 627-3	Beaver	Lo. Kittanning	32	-	-	-	-	-	-	-	-
Xecol Corp. Special Permit No. 337	Beaver	Pittsburgh	48	-	-	-	-	-	-	-	-
District Total										4,031,073	104,140

District 32

Operators and Mines	County	Name of Coal Bed	Geological	Seam	Inches	Depth	Kind of Opening		Number and Type		Pounds of Explosives Used		Other Permissible (Name)			
							Shaft	Slope	Drift	Lamps Used	Flame	Electric		Ammonium Nitrate	Dynamite	
Apollo Corp., The	Washington	Redstone			36											
Strip Permit No. 115-5 SP.400		Pittsburgh			72-84	-	-	-	-	-	-	-	-			
Bologna Mining Co.	Washington	Waynesburg			50								-			
Strip Permit No. 248-12		Pittsburgh #8			48						1,362,910	16,500	-			
Strip Permit No. 248-17	Washington	Pittsburgh #8			48						15,000	610	-			
Strip Permit No. 248-19	Washington	Pittsburgh #8			52						6,000	315	-			
Strip Permit No. 248-22	Washington	Pittsburgh #8			48	-	-	-	-	-	20,000	715	-			
Strip Permit No. 248-23	Washington	Pittsburgh #8			48						10,000	387	-			
Strip Permit No. 248-33	Washington	Pittsburgh #8			48						5,000	218	-			
Strip Permit No. 248-34	Washington	Pittsburgh #8			48								-			
Special Project No. 25	Washington	Pittsburgh #8			48								-			
Special Project No. 381	Washington	Pittsburgh #8			48								-			
Total														1,418,910	18,745	-
C&M Coal Co.	Washington	Pittsburgh #8			60	-	-	-	-	-	-	-	-			
Strip Permit No. 1458-1		Pittsburgh #8			60	-	-	-	-	-	-	-	-			
Casey Contracting Co., R.W.	Washington	Pittsburgh #8			60	-	-	-	-	-	-	-	-			
Special Permit No. 269		Pittsburgh #8			54	-	-	-	-	-	-	-	-			
DMB Services	Washington	Pittsburgh #8			40	-	-	-	-	-	-	-	-			
Strip Permit No. 1346-1	Washington	Redstone			70	-	-	-	-	-	-	-	-			
Dosse, Victor	Washington	Pittsburgh			36	-	-	-	-	-	-	-	-			
Strip Permit No. 1264-1	Washington	Redstone			36	-	-	-	-	-	-	-	-			
Special Project No. 11	Washington	Waynesburg			36	-	-	-	-	-	-	-	-			
E & J Contracting Co.	Washington	Waynesburg			60	-	-	-	-	-	-	-	-			
Strip Permit No. 1202-7 & 8		Waynesburg			60	-	-	-	-	-	-	-	-			
Eighty Four Industries, Inc.	Washington	Waynesburg			60	-	-	-	-	-	-	-	-			
Strip Permit No. 809-1	Washington	Waynesburg			60	-	-	-	-	-	-	-	-			
Etna Equipment & Supply Co., Inc.	Washington	Waynesburg			60	-	-	-	-	-	-	-	-			
Strip Permit No. 634-1	Washington	Waynesburg			60	-	-	-	-	-	-	-	-			
Strip Permit No. 634-3	Washington	Waynesburg			60	-	-	-	-	-	-	-	-			
Strip Permit No. 634-8	Washington	Waynesburg			60	-	-	-	-	-	-	-	-			
Total														135,103	2,990	-
Ewing, Charles W.	Washington	Pittsburgh			50	-	-	-	-	-	-	-	-			
Strip Permit No. 309-5	Washington	Redstone			30	-	-	-	-	-	-	-	-			
Golden Flame Fuel Co.	Washington	Pittsburgh #8			52	-	-	-	-	-	-	-	-			
Strip Permit No. 1141-8	Washington				-	-	-	-	-	-	-	-	-			
Harasty Coal Co.	Washington				-	-	-	-	-	-	-	-	-			
Special Project No. 369	Washington				-	-	-	-	-	-	-	-	-			
Joki, Russell W.	Washington				-	-	-	-	-	-	-	-	-			
Special Project No. 147A	Washington				-	-	-	-	-	-	-	-	-			
Special Project No. 167	Washington				-	-	-	-	-	-	-	-	-			

District 32

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps	Used		Ammonium Nitrate	Dynamite	Other Permissible
Kuhar, Mike	Washington	Waynesburg	48	-	-	-	-	-	-	-	-	-
Strip Permit No. 942-1	Washington	-	-	-	-	-	-	-	-	-	-	-
Marick, Inc.	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1594-1 Refuse	Washington	-	-	-	-	-	-	-	-	-	-	-
Midway Coal Co.	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1049-2	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1049-3	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1049-4&4A	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1049-666A	Washington	-	-	-	-	-	-	-	-	-	-	-
Mt. Thor Minerals, Inc.	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1753-1 & Auger-BAM-835	Washington	-	-	-	-	-	-	-	-	-	-	-
Pangersis Coal Co.	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1304-1	Washington	-	-	-	-	-	-	-	-	-	-	-
Pennewear Construction Co.	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 173-19	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 173-20	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 173-21	Washington	-	-	-	-	-	-	-	-	-	-	-
Petrica Coal Co.	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 480-1	Washington	-	-	-	-	-	-	-	-	-	-	-
Procz Brothers Coal Co.	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 469-1 & 1A	Washington	-	-	-	-	-	-	-	-	-	-	-
Simpson, Robert L.	Washington	-	-	-	-	-	-	-	-	-	-	-
Special Project no. 189	Washington	-	-	-	-	-	-	-	-	-	-	-
Stefkovick Brothers, Inc.	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 140-2	Washington	-	-	-	-	-	-	-	-	-	-	-
Teer Co., Nello L.	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1231-7 & 8	Washington	-	-	-	-	-	-	-	-	-	-	-
Twilight Industries	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1-69	Washington	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1-86	Washington	-	-	-	-	-	-	-	-	-	-	-
Total										4,904	245	-
Total										158,051	7,903	-
Total										162,955	8,148	-
District Total										8,280,570	334,643	206,950

* Prestex Aquaram Power Primer

District 32A

[illegible]

District 32A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Inches:Depth	Length:Degrees	Drift:	Number and Type		Pounds of Explosives Used	
				Shaft:	Slope				Lamps Used		Ammonium Nitrate	Other Permissible Dynamite (Name)
Tremont Mining Co.	Washington	Pittsburgh	84	-	-	-	-	-	-	-	-	-
Strip Permit No. 557-1												
Twilight Industries	Washington	Waynesburg	44	-	-	-	-	-	-	-	17,491	875
Strip Permit No. 1-66											62,010	3,100
Strip Permit No. 1-67	Washington	Waynesburg	44	-	-	-	-	-	-	-	68,138	3,407
Strip Permit No. 1-71	Washington	Waynesburg	44	-	-	-	-	-	-	-	67,446	3,372
Strip Permit No. 1-76	Washington	Waynesburg	44	-	-	-	-	-	-	-	133,856	6,693
Strip Permit No. 1-77	Washington	Waynesburg	44	-	-	-	-	-	-	-	348,941	17,447
									Total			
Tyhnas Coal Co.	Washington	Pittsburgh	78	-	-	-	-	-	-	-	45,400	1,000
Strip Permit No. 538-5												
Westmont Coal Co., Inc.	Washington	Waynesburg	48	-	-	-	-	-	-	-	234,550	20,404
Strip Permit No. 1775-1												
									District Total		2,643,688	116,411

District 32B

A. & H. Coal Co., Inc.	Greene	Waynesburg	60	-	-	-	-	-	-	-	351,334	10,550
Strip Permit No. 1361-1											278,850	7,280
Strip Permit No. 1361-2	Greene	Waynesburg	60	-	-	-	-	-	-	-	15,000	5,500
Strip Permit No. 1361-3	Greene	Waynesburg	60	-	-	-	-	-	-	-	266,590	5,500
Strip Permit No. 1361-4	Greene	Waynesburg	60	-	-	-	-	-	-	-	15,000	500
Strip Permit No. 1361-5	Greene	Waynesburg	60	-	-	-	-	-	-	-	105,000	3,150
Strip Permit No. 1361-6	Greene	Waynesburg	60	-	-	-	-	-	-	-	1,031,774	27,480
									Total			
B. L. F. Corp.	Greene	Waynesburg	60	-	-	-	-	-	-	-	-	-
Strip Permit No. 966-2 & 3												
Strip Permit No. 966-4	Greene	Waynesburg	63	-	-	-	-	-	-	-	-	-
C&J Coal Co.	Greene	Redstone & Sewickley	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 1621-1												
Chess Coal Co.	Greene	Waynesburg	60	-	-	-	-	-	-	-	6,775	-
Strip Permit No. 576-3												
Dragan & Son	Greene	Waynesburg	38	-	-	-	-	-	-	-	15,350	1,480
Strip Permit No. 1522-2												
Strip Permit No. 1522-2A	Greene	Waynesburg	38	-	-	-	-	-	-	-	15,350	1,480
									Total			

District 32B

[illegible]

District 32B

Operators and Mines	County	Geological Name of Coal Bed	Seam	Inches:Depth	Kind of Opening			Number and Type			Pounds of Explosives Used		
					:Shaft:	:Slope:	:Drift:	:Lamps:	:Used:	:Other:	:Permis-	:sible:	(Name)
R & S Coal Co.													
Strip Permit No. 1118-1	Greene	Redstone	36	-	-	-	-	-	-	-	-	400	-
Rumble Coal, Jim													
Strip Permit No. 1091-1	Greene	Waynesburg	60	-	-	-	-	-	-	-	13,370	1,070	-
Strip Permit No. 1091-2	Greene	Sewickley	60	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1091-3	Greene	Waynesburg	55	-	-	-	-	-	-	-	-	-	-
Special Project No. 501	Greene	Sewickley	55	-	-	-	-	-	-	-	34,065	5,075	-
											47,435	6,145	-
											Total		
Sperko Coal, Robert													
Strip Permit No. 1667-1	Greene	Sewickley	54	-	-	-	-	-	-	-	55,290	2,425	-
Twilight Industries													
Strip Permit No. 1-79	Greene	Waynesburg	44	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1-83	Greene	Waynesburg	44	-	-	-	-	-	-	-	37,608	1,880	-
											37,608	1,880	-
											Total		
Zavek, Inc.													
Strip Permit No. 1213-2	Greene	Waynesburg	36	-	-	-	-	-	-	-	12,250	350	-
Special Project No. 377	Greene	Pittsburgh	94	-	-	-	-	-	-	-	48,319	750	-
											60,569	1,100	-
											Total		
											District Total		
											5,722,085	558,882	103,931

* Primer
** B-Mix

District 33

Ann Mineral Co.													
Strip Permit No. 1404-4	Fayette	Up. Freeport	30	-	-	-	-	-	-	-	1,085,010	36,050	-
Baker Coal Co.													
Strip Permit No. 645-1	Fayette	Redstone	42	-	-	-	-	-	-	-	-	-	-
Better Mining, Inc.													
Strip Permit No. 1220-3	Fayette	Up. & Lo. Free.	30	-	-	-	-	-	-	-	142,650	732	-
Bologna Mining Co.													
Strip Permit No. 248-24	Fayette	Up. Freeport	38	-	-	-	-	-	-	-	557,000	2,943	-
Strip Permit No. 329-11 & 21	Fayette	Up. Freeport	38	-	-	-	-	-	-	-	11,730	463	-
											568,730	3,408	-
											Total		

District 33[illegible]

District 33

County	Operators and Mines	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used :		
				: Shaft :	: Slope :	: Drift :	: Lamps Used :	: :	: :	: Flame :	: Ammonium Nitrate :	: Other Permissible Dynamite (Name) :
Fayette	Henry Coal Co. Strip Permit No. 1239-1 & 2	Lo. Kittanning & Up. Kittanning Brook. - Clarion	36 9 30	-	-	-	-	-	-	-	-	36,974
Fayette	Hibbs & Myers Coal Co. Strip Permit No. 833-3	Sewickley Redstone	60 30	-	-	-	-	-	-	-	-	-
Fayette	Strip Permit No. 833-5 Hill, William L.	Sewickley Redstone	60 36	-	-	-	-	-	-	-	-	-
Fayette	Strip Permit No. 457-1 Strip Permit No. 457-2	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Fayette	Horwath Coal Co. Special Project No. 494	Up. Freeport	36	-	-	-	-	-	-	-	351,672	37,980
Fayette	Hughes, Sherwood Strip Permit No. 1395-1	Redstone	32	-	-	-	-	-	-	-	-	-
Fayette	J&B Coal Co. Strip Permit No. 1688-1	Sewickley	60	-	-	-	-	-	-	-	74,100	1,400
Fayette	Jebco Coal Co., Inc. Strip Permit No. 1219-2	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Fayette	Jem Enterprises, Inc. Special Project 487	Lo. Kitt.	36	-	-	-	-	-	-	-	-	-
Fayette	Kaiser Refractories Strip Permit No. 390-1	Pittsburgh	84	-	-	-	-	-	-	-	-	-
Fayette	Kelley Enterprises, Inc. Special Project No. 434	Clarion	30	-	-	-	-	-	-	-	-	-
Fayette	Kuhar, Mike Strip Permit No. 942-2	Up. Freeport	30	-	-	-	-	-	-	-	1,066,180	24,225
Fayette	Kutsenkow, George Strip Permit No. 412-6	Lo. Freeport	48	-	-	-	-	-	-	-	-	-
Fayette	Laurel Ridge Coal, Inc. Strip Permit No. 1337-3	Up. & Lo. Freeport	20-40	-	-	-	-	-	-	-	2,937,220	303,520
Fayette	Lawrence Coal Co. Strip Permit No. 1063-5	Redstone & Sewickley	33-60	-	-	-	-	-	-	-	160,000	3,200
Fayette	Marsolino Coal & Coke, Inc. Strip Permit No. 71-25	Pittsburgh	84	-	-	-	-	-	-	-	-	-
Fayette	Menallen Coke Co. Strip Permit No. 281-7											
Fayette	Minor, Jr., Robert Special Project No. 97											

District 33

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Shaft	Lamps	Used	Ammonium Nitrate	Dynamite	Other Permissible (Name)
Nicholson & Shepler Strip Permit No. 1459-1	Fayette	Up. Freeport	30	-	-	-	-	-	-	-	-	-
Oak Run Coal, Inc. Strip Permit No. 873-1,2,3	Fayette	Redstone	28	-	-	-	-	-	-	2,470	110	-
Strip Permit No. 863-7	Fayette	Redstone	28	-	-	-	-	-	-	4,932	210	-
Strip Permit No. 863-8	Fayette	Redstone	26	-	-	-	-	-	-	11,095	480	-
							Total			18,497	800	-
Oberlechner, Steve Strip Permit No. 1209-2	Fayette	Redstone	32	-	-	-	-	-	-	-	-	-
Purco Coal, Inc. Strip Permit No. 413-8	Fayette	Miller B	36	-	-	-	-	-	-	20,900	640	-
Strip Permit No. 413-9	Fayette	Miller B	40	-	-	-	-	-	-	37,620	1,152	-
Strip Permit No. 413-11	Fayette	Miller B	42	-	-	-	-	-	-	104,500	3,200	-
Strip Permit No. 413-12	Fayette	Brookville	48	-	-	-	-	-	-	-	-	-
Strip Permit No. 413-13	Fayette	Miller B	40	-	-	-	-	-	-	-	-	-
Strip Permit No. 413-14	Fayette	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-
Strip Permit No. 413-15	Fayette	Miller B	39	-	-	-	-	-	-	45,890	1,408	-
Auger-BAM-763	Fayette	Miller B	36	-	-	-	-	-	-	-	-	-
Auger-BAM-815	Fayette	Brookville	48	-	-	-	-	-	-	-	-	-
							Total			208,910	6,400	-
Robbie Coal & Fuel, Inc. Special Project No. 419	Fayette	Pittsburgh	108	-	-	-	-	-	-	-	-	-
Rondell Co., The Special Project No. 482	Fayette	Sewickley	60	-	-	-	-	-	-	-	-	-
Rose Coal Co., John C. Strip Permit No. 1066-1	Fayette	Redstone	36	-	-	-	-	-	-	300	200	-
		Sewickley	48	-	-	-	-	-	-	-	-	-
		Pittsburgh	84	-	-	-	-	-	-	-	-	-
Ruane Coal & Coke Co. Strip Permit No. 78-4 & 5	Fayette	Up. & Lo. Free.	48-32	-	-	-	-	-	-	40,000	3,000	-
Sang Coal Co. Strip Permit No. 552-5	Fayette	Pittsburgh	108	-	-	-	-	-	-	36,750	-	-
Solomon & Teslovich Strip Permit No. 628-4 & 9	Fayette	Brook.-Clarion	24	-	-	-	-	-	-	57,980	1,250	-
Strip Permit No. 628-12	Fayette	Up. Freeport	66	-	-	-	-	-	-	471,150	9,200	-
							Total			529,130	10,450	-
TeDesco, William K. Strip Permit No. 329-21	Fayette	Miller B	40	-	-	-	-	-	-	-	-	-

District 33

Operators and Mines	County	Geological Name	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps	Used		Ammonium Nitrate	Dynamite	Other
				Height of								Permissible
				Inches	Depth	Length	Degrees	Drift	Non-gaseous	Open	Safety	Electric
West Penn Coal & Construction Co.	Fayette	Lo. Freeport	42	-	-	-	-	-	-	-	-	-
Strip Permit No. 581-13 & 14	Fayette	Redstone	38	-	-	-	-	-	-	-	-	-
Strip Permit No. 581-15	Fayette	Redstone	38	-	-	-	-	-	-	-	-	-
Strip Permit No. 628-13	Fayette	Redstone	38	-	-	-	-	-	-	-	-	-
Special Project No. 527	Fayette	Sewickley	48	-	-	-	-	-	-	-	-	-
District Total										9,070,472	494,080	714,600

* Prestex

District 33A

Adams Trucking Co., F. E.	Fayette	Redstone	24	-	-	-	-	-	-	-	-	-
Strip Permit No. 1634-1	Fayette	Redstone	24	-	-	-	-	-	-	-	-	-
Bartoni, John	Fayette	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Special Permit No. 480	Fayette	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Bartoni, Rocco	Fayette	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Strip Permit No. 1427-1	Fayette	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Strip Permit No. 1427-2	Fayette	Redstone	32	-	-	-	-	-	-	-	-	-
Bartoni Coal Co.	Fayette	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Strip Permit No. 410-8A	Fayette	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Strip Permit No. 410-9	Fayette	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Bortz Coal Co.	Fayette	Bakerstown	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 456-10	Fayette	Bakerstown	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 456-11	Fayette	Bakerstown	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 456-12	Fayette	Bakerstown	36	-	-	-	-	-	-	-	-	-
Total										22,000	22,000	-
Brooks, Howard G.	Fayette	Redstone	40	-	-	-	-	-	-	-	-	-
Strip Permit No. 1163-1	Fayette	Pittsburgh	66	-	-	-	-	-	-	-	-	-
Strip Permit No. 1163-2	Fayette	Pittsburgh	66	-	-	-	-	-	-	-	-	-
Carbonara Coal Co.	Fayette	Waynesburg	60	-	-	-	-	-	-	-	-	-
Strip Permit No. 550-10	Fayette	L. Kittanning	42	-	-	-	-	-	-	-	-	-
Strip Permit No. 550-14	Fayette	L. Kittanning	42	-	-	-	-	-	-	-	-	-
Car Can Coal Co., Inc.	Fayette	Redstone	20	-	-	-	-	-	-	-	-	-
Strip Permit No. 1732-1	Fayette	Redstone	20	-	-	-	-	-	-	-	-	-

District 33A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening			Number and Type			Pounds of Explosives Used				
				: Shaft :	: Slope :	: Drift :	: Lamps :	: Used :	: Type :	: Ammonium Nitrate :	: Dynamite :	: Other Permissible (Name) :		
Chesapeake Coal Co.														
Strip Permit No. 576-4	Fayette	Redstone	30	-	-	-	-	-	-	-	35,325	-	-	-
Cicconi Coal Co.														
Strip Permit No. 1696-1	Fayette	Pittsburgh	84	-	-	-	-	-	-	-	-	149	-	-
Dvorchak, Edward A.														
Strip Permit No. 1409-1	Fayette	Bakertown	36	-	-	-	-	-	-	-	-	-	-	-
Eberhart Coal Co., Ray, Jr.														
Strip Permit No. 1689-1	Fayette	Bakertown	24	-	-	-	-	-	-	-	-	-	-	-
Special Project No. 423	Fayette	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-
Fast, Ira W.														
Strip Permit No. 1398-1	Fayette	Redstone	24	-	-	-	-	-	-	-	-	-	-	-
Gaggianni, Fred														
Strip Permit No. 1633-1	Fayette	Sewickley	54	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1633-2	Fayette	Pittsburgh	98	-	-	-	-	-	-	-	-	-	-	-
Genovese Coal Co.														
Strip Permit No. 244-18	Fayette	Waynesburg	50	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 244-21	Fayette	Redstone	36	-	-	-	-	-	-	-	212,000	-	-	-
Strip Permit No. 244-25	Fayette	Pittsburgh	60	-	-	-	-	-	-	-	46,000	-	-	-
Strip Permit No. 244-29	Fayette	Redstone	36	-	-	-	-	-	-	-	258,000	-	-	-
Total														
Griggs & Ryan Coal Co.														
Strip Permit No. 1385-1	Fayette	Pittsburgh	60	-	-	-	-	-	-	-	1,380	45	-	-
Strip Permit No. 1385-2	Fayette	Pittsburgh	60	-	-	-	-	-	-	-	166,480	3,160	-	-
Strip Permit No. 1385-4	Fayette	Pittsburgh	60	-	-	-	-	-	-	-	1,620	55	-	-
Total														
Krulock, Steve														
Strip Permit No. 345-2	Fayette	Redstone	30-40	-	-	-	-	-	-	-	-	-	-	-
Laurita Trucking, Jerry														
Strip Permit No. 1288-1A	Fayette	Pittsburgh	60	-	-	-	-	-	-	-	4,000	300	-	-
Strip Permit No. 1288-2	Fayette	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-
Total														
Lavery, Elzie E.														
Strip Permit No. 1692-1	Fayette	Washington	42	-	-	-	-	-	-	-	-	-	-	-
Luzerne Coal Co.														
Strip Permit Nos. 750-6, 14, 15, 16, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 31	Fayette	Waynesburg	48	-	-	-	-	-	-	-	8,420,040	373,034	60,500*	-
Marsolino Coal & Coke, Inc.														
Strip Permit No. 71-26	Fayette	Waynesburg	48	-	-	-	-	-	-	-	24,850	10,150	-	-

District 33A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used :		
				Shaft :	Slope :	Drift :	Lamps Used :	Gaseous or : Flame :	Elec- : Safety :	Open : Nitrate :	Ammonium :	Other Permissible (Name)
Medved Mining Co.												
Strip Permit No. 1709-1	Fayette	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Strip Permit No. 1709-2	Fayette	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Special Project No. 146	Fayette	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Pennsylvania Mineral Co.												
Strip Permit No. 653-4	Fayette	Waynesburg	48	-	-	-	-	-	-	-	-	-
Pontorero & Sons Coal Co., Inc.												
Strip Permit No. 237-10	Fayette	Redstone	72	-	-	-	-	-	-	-	-	-
Strip Permit No. 237-12	Fayette	Redstone	36	-	-	-	-	-	-	-	-	-
Puskas, John												
Strip Permit No. 424-1	Fayette	Pittsburgh	108	-	-	-	-	-	-	-	-	-
Richter Trucking Co.												
Strip Permit No. 1463-2	Fayette	Redstone	24	-	-	-	-	-	-	-	-	-
Rondell Co., The												
Strip Permit No. 511-14	Fayette	Redstone	36	-	-	-	-	-	-	-	-	-
Rostovsky Coal Co., Joseph												
Strip Permit No. 334-8	Fayette	Pittsburgh	96	-	-	-	-	-	-	-	-	-
Ruane Arnold Coal Co.												
Strip Permit No. 589-1	Fayette	Redstone	27	-	-	-	-	-	-	-	123,420	750
Strip Permit No. 589-2	Fayette	Redstone	30	-	-	-	-	-	-	-	20,490	350
Strip Permit No. 589-3	Fayette	Redstone	30	-	-	-	-	-	-	-	23,750	400
Strip Permit No. 589-4	Fayette	Pittsburgh	84	-	-	-	-	-	-	-	-	-
Strip Permit No. 589-5	Fayette	Redstone	30	-	-	-	-	-	-	-	-	-
S.D.S. Construction Co., Inc.												
Strip Permit No. 1530-1(2A)	Fayette	Redstone	30	-	-	-	-	-	-	-	167,660	1,500
Strip Permit No. 1530-1(3A)	Fayette	Sewickley	60	-	-	-	-	-	-	-	-	-
Strip Permit No. 1530-2(A)	Fayette	Sewickley	60	-	-	-	-	-	-	-	-	-
Strip Permit No. 1530-3	Fayette	Redstone	30	-	-	-	-	-	-	-	-	-
Sager Coal Co.												
Strip Permit No. 1150-1	Fayette	Waynesburg	48	-	-	-	-	-	-	-	-	-
Snyder, Curtis												
Strip Permit No. 1581-1	Fayette	Little Pittsburgh	30	-	-	-	-	-	-	-	-	-
Soberdash Coal & Coke Co.												
Strip Permit No. 111-52	Fayette	Pittsburgh	96	-	-	-	-	-	-	-	-	-
Strip Permit No. 111-53 & 53A	Fayette	Pittsburgh	96	-	-	-	-	-	-	-	-	-
Strip Permit No. 111-56	Fayette	Pittsburgh	96	-	-	-	-	-	-	-	-	-
Swenglish Coal Co.												
Strip Permit No. 1293-1	Fayette	Pittsburgh	108	-	-	-	-	-	-	-	-	-
Total											167,660	1,500

District 33A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps Used	Caseous or :Flame	Open:Elec-: Nitrate	Ammonium	Dynamite	Other Permissible (Name)
Villa Coal Co.												
Strip Permit No. 1549-1	Fayette	Pittsburgh	108	-	-	-	-	-	-	-	-	-
Voithofer, Edward F., Jr.	Fayette	Pittsburgh	84	-	-	-	-	-	-	-	-	-
Strip Permit No. 1693-1												
West Penn Coal & Construction Co.	Fayette	Pittsburgh	72	-	-	-	-	-	-	-	586	-
Strip Permit No. 581-11												
District Total										9,121,315	388,979	60,500

* Slurry

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Aloe Coal Co.												
Strip Permit Nos. 35-2, 8, 9, 10, 12, 13, 14, 15	Allegheny	Pittsburgh	48-60	-	-	-	-	-	-	2,714,280	-	87,450*
Ansell, Earl												
Strip Permit No. 288-1	Westmoreland	Redstone	50	-	-	-	-	-	-	6,000	500	-
Apex Co., Inc.												
Strip Permit No. 497-3(A3)	Allegheny	Redstone	40	-	-	-	-	-	-	-	-	-
Strip Permit No. 497-4	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-
B & G Coal Co., Inc.												
Strip Permit No. 1455-1	Allegheny	Pittsburgh #8	60	-	-	-	-	-	-	-	-	-
Betters, Dominick J.												
Strip Permit No. 1681-1	Allegheny	Redstone	30	-	-	-	-	-	-	-	-	-
Big Break Coal Co., Inc.												
Strip Permit Nos. 887-1 & 2	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	52,830**
Bituminous Processing Co., Inc.												
Strip Permit No. 994-1 Refuse	Westmoreland	Pittsburgh	-	-	-	-	-	-	-	-	-	-
Bobnar, Paul												
Strip Permit No. 1406-1	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Brown Coal Co., Inc., C.W.												
Strip Permit No. 273-5	Westmoreland	Waynesburg	48	-	-	-	-	-	-	11,150	2,300	-
Coal Processing, Ltd.												
Strip Permit No. 1305-1 Refuse	Westmoreland	-	-	-	-	-	-	-	-	-	-	-

District 34

	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used :		
				Shaft :	Slope :	Drift :	Lamps :	Used :		Ammonium Nitrate :	Dynamite :	Other Permissible (Name)
Operators and Mines												
Cratty, Gower and Hyde, Inc.	Westmoreland	Pgh-Redstone	84-56	-	-	-	-	-	-	-	-	-
Strip Permit No. 1519-2												
D.C. Industries, Inc.	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-
Strip Permit No. 1735-1												
Daset Mining Corp.	Allegheny	Pittsburgh	72	-	-	-	-	-	-	115,850	1,850	-
Strip Permit No. 1551-5												
Deep Valley Coal Co.	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-
Strip Permit No. 1129-1												
Strip Permit No. 1129-2	Allegheny	Pittsburgh	60	-	-	-	-	-	-	300	100	-
Strip Permit No. 1129-4	Allegheny	Pittsburgh	60	-	-	-	-	-	-	400	100	-
Strip Permit No. 1129-4	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-
Special Project No. 511												
Dependable Coal & Construction Co., Inc.										Total	700	200
Strip Permit No. 1609-1 & 2	Allegheny	Pittsburgh #8	50-60	-	-	-	-	-	-	-	-	-
Diamond Fuel Co.												
Strip Permit No. 555-1	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-
Strip Permit No. 555-2	Allegheny	Redstone	30	-	-	-	-	-	-	-	-	-
Duquesne Slag Products Co.												
Special Project No. 373	Allegheny	Pittsburgh	72	-	-	-	-	-	-	-	-	-
E & J Contracting Co.												
Strip Permit No. 1202-4 & 6	Westmoreland	Waynesburg	48	-	-	-	-	-	-	-	-	-
Strip Permit No. 1202-9 & 11	Westmoreland	Pittsburgh	84	-	-	-	-	-	-	-	-	-
Eidemiller, Inc., Adam												
Strip Permit No. 578-2	Westmoreland	Pittsburgh	60	-	-	-	-	-	-	316,723	1,418	31,000*
Strip Permit No. 578-32	Westmoreland	Redstone	54	-	-	-	-	-	-	179,920	1,115	27,800*
Strip Permit No. 578-33	Westmoreland	Redstone	42	-	-	-	-	-	-	16,800	975	14,000*
Strip Permit No. 578-35	Westmoreland	Redstone	48	-	-	-	-	-	-	7,691,059	9,343	42,800*
Strip Permit No. 578-36	Westmoreland	Sewickley	42	-	-	-	-	-	-	8,204,502	12,851	115,600
Flore Coal Co., Fred										Total		
Special Project No. 318	Allegheny	Redstone	33	-	-	-	-	-	-	-	-	16,150#
Fleck, James F.												
Special Project No. 444	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-
Gary John Associates												
Strip Permit No. 1528-1	Westmoreland	Pgh-Redstone	38-96	-	-	-	-	-	-	-	-	-
Golden Flame Fuel Co.												
Strip Permit No. 1141-2	Westmoreland	Redstone	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 1141-4	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-	-

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Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches:Depth	Kind of Opening			Number and Type			Pounds of Explosives Used		
					Shaft	Slope	Drift	Lamps	Other		Ammonium Nitrate	Dynamite	Other Permissible (Name)
					:	:	:	:	:	:	:	:	:
Gorr, Richard	Westmoreland	Redstone	42	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 959-1(A2)	Westmoreland	Redstone	42	-	-	-	-	-	-	-	-	-	-
Auger-BAM-721													
Greene, Inc., Walter	Westmoreland	Waynesburg	66	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 250-10													
Holiday Constructors, Inc.	Westmoreland	Up. Freeport	72	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1216-4	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1216-5	Westmoreland												
											210,924		13,508##
											210,924		13,508
Hydro-C Ltd.	Westmoreland	Pittsburgh	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1610-1 Refuse													
Johnston the Florist	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-
Special Project No. 218													
Kendi & Sons, Inc., Paul W.	Westmoreland	Sewickley	40	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 570-1	Westmoreland	Mahoning	36	-	-	-	-	-	-	-	30,000	3,000	-
Strip Permit No. 570-3	Westmoreland	Waynesburg	60	-	-	-	-	-	-	-	8,000	1,000	-
Strip Permit No. 570-5	Westmoreland	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-
Special Project No. 513													
											38,000	4,000	-
Mazzara Coal Co.	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-
Special Project No. 241													
McGal Coal, Inc.	Allegheny	Pittsburgh	108	-	-	-	-	-	-	-	-	-	-
Special Project No. 299													
Mehrer, Emil W.	Westmoreland	Redstone	54	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 431-1													
Mikel, Edward	Westmoreland	Redstone	42	-	-	-	-	-	-	-	139,900	2,900	-
Strip Permit No. 631-7	Westmoreland												
Miller, Nelson L., Jr.	Westmoreland	Redstone	36	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1379-1													
Morcoal Co.	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1189-1	Westmoreland	Up. Freeport	30	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1189-3	Westmoreland	Redstone	36	-	-	-	-	-	-	-	-	-	-
Special Project No. 506													
North Star Coal Co.	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-
Special Project No. 547													
O'Brien & Son Inc., William H.	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1674-1													

District 34

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Number and Type		Pounds of Explosives Used						
				Shaft	Slope	Drift	Lamps	Used	Other					
				Inches	Depth	Length	Degrees	Drift	Non-gaseous	Open	Safety	Electric	Ammonium Nitrate	Dynamite	(Name)
Overly, L.W.	Westmoreland	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 260-12	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-	20,000	-	-
Strip Permit No. 260-15	Westmoreland	Redstone										20,000	-	-
FNBP Coal Co.	Westmoreland	Redstone	42	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1345-1	Westmoreland	Redstone										-	-	-
Parzell, James	Westmoreland	Redstone	30	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1587-1	Westmoreland	Redstone										-	-	-
Patterson Coal Co.	Allegheny	Redstone	36	-	-	-	-	-	-	-	-	-	-	-
Special Project No. 458	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	7,750	900	125
Penn Aggregates	Allegheny	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 876-1	Allegheny	Pittsburgh #8	60	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1731-1	Westmoreland	Up. Freeport	30	-	-	-	-	-	-	-	-	105,700	5,685	-
Special Project No. 303	Westmoreland	Up. & Lo. Freeport	36	-	-	-	-	-	-	-	-	176,478	-	-
R.A.S. Excavating Co.	Allegheny	Pittsburgh #8	60	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1373-1	Allegheny	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-
Robinson, Alice K.	Westmoreland	Redstone	40	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1258-1 & 2	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-	-	-	-
Rondell Co., The	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 511-12	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
Rosini's, Inc.	Allegheny	Pittsburgh	55	-	-	-	-	-	-	-	-	64,250	9,728	-
Strip Permit No. 568-6	Allegheny	Pittsburgh	80	-	-	-	-	-	-	-	-	494,300	11,575	-
Russo, Joseph S.	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1373-1	Allegheny	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-
Solomon & Teslovich	Westmoreland	Redstone	40	-	-	-	-	-	-	-	-	-	-	-
Strip Permit Nos. 628-6 & 15	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 628-14	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
Spec Coal	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1596-1	Westmoreland	Pittsburgh	55	-	-	-	-	-	-	-	-	-	-	-
Spotlight Coal Co., Inc.	Westmoreland	Pittsburgh	80	-	-	-	-	-	-	-	-	-	-	-
Special Project No. 378	Allegheny	Up. Freeport	60	-	-	-	-	-	-	-	-	-	-	-
286 Coal Co., Inc.	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1371-3	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
Vargo Coal Co., Inc.	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1121-1 & 2	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
Weaver, Joseph F.	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 958-5	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-

District 34A

[illegible]

District 34A

[illegible]

District 34A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Number and Type		Pounds of Explosives Used	
				Shaft	Slope	Lamps	Used	Ammonium Nitrate	Other Permissible Dynamite (Name)
				Inches:Depth	Length:Degrees	Drift	: Flame :Elec- : Safety:tric :		
Shearer Development Corp. Strip Permit No. 1650-1 Smith, Victor P.	Westmoreland	Pittsburgh	84	-	-	-	-	-	-
Strip Permit No. 641-5 & 7 Special Project No. 410 Smith's Blacktop Paving Co.	Westmoreland	Pittsburgh	78	-	-	-	-	-	-
Strip Permit No. 1268-2 Spec Coal	Westmoreland	Pittsburgh	96	-	-	-	-	-	-
Strip Permit No. 1596-2 U. S. Utilities Services Corp.	Westmoreland	Pittsburgh	72	-	-	-	-	-	-
Strip Permit No. 1132-2 Weaver, Joseph F.	Westmoreland	Pittsburgh	72	-	-	-	-	-	-
Strip Permit No. 958-3 Strip Permit No. 958-4	Westmoreland	Pittsburgh	72	-	-	-	-	-	-
	Westmoreland	Pittsburgh	76	-	-	-	-	-	-
								2,000	110
								2,000	110
Zappone Coal Co. Strip Permit No. 1281-1	Westmoreland	Up. Freeport	40	-	-	-	-	-	-
								428,740	21,431
								7,745#	
								10,227,349	299,912
								2,378,297	
								District Total	

* Prestex
** Primer
Slurry

District 35

B.H. & H., Inc. Strip Permit No. 617-10 Strip Permit No. 617-11 Strip Permit No. 617-13, 15, 16, 17 Auger-BAM-813 Baughman Coal Co., Inc., R.D. Strip Permit No. 151-69	Armstrong	Up. Freeport	38	-	-	-	-	-	-
	Armstrong	Up. Freeport	39	-	-	-	-	-	-
	Armstrong	Up. Freeport	40	-	-	-	-	-	-
	Armstrong	Up. Freeport	40	-	-	-	-	-	-
	Armstrong	Lo. Kittanning	36	-	-	-	-	-	-
								430,000	2,500
								4,631	
								249,783	38,857
								-	-

District 35

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches:Depth	Kind of Opening			Number and Type			Pounds of Explosives Used		
					Shaft:	Slope	Drift:	Lamps Used	:	:	Ammonium Nitrate	Dynamite	Other Permissible (Name)
Baughman Coal Co., Inc., R.D. (Continued)	Armstrong	Lo. Kittanning	36	-	-	-	-	-	-	-	86,200	5,286	-
Strip Permit No. 151-73										Total	335,983	44,143	-
Bituminous Internation Corp.	Armstrong	Up. Freeport	32	-	-	-	-	-	-	-	310,603	-	111,560*
Strip Permit No. 1203-1	Armstrong	Up. Freeport	32	-	-	-	-	-	-	Total	310,603	-	111,560
Auger-BAM-742													
Black Gem Coal Co.	Armstrong	Up. Freeport	40-44	-	-	-	-	-	-	-	838,949	8,159	-
Strip Permit No. 1533-1	Armstrong	Up. Freeport	44	-	-	-	-	-	-	-			-
Strip Permit No. 1533-2 & 3	Armstrong	Up. Freeport	44	-	-	-	-	-	-	-			-
Auger-BAM-797													
Carpentertown Coal & Coke Co.	Armstrong	Up. Freeport	34	-	-	-	-	-	-	-	244,008	-	-
Strip Permit No. 184-6	Armstrong	Up. Freeport	34	-	-	-	-	-	-	-	24,000	-	-
Strip Permit No. 184-7	Armstrong	Up. Freeport	34	-	-	-	-	-	-	-	8,000	-	-
Strip Permit No. 184-11	Armstrong	Up. Freeport	34	-	-	-	-	-	-	-	15,000	-	-
Strip Permit No. 184-14	Armstrong	Up. Freeport	34	-	-	-	-	-	-	-			-
Auger-BAM-538, 752, 795, 831	Armstrong	Up. Freeport	34	-	-	-	-	-	-	Total	291,008	-	-
Cochran & Keller Coal Co., Inc.	Armstrong	Up. Freeport	48	-	-	-	-	-	-	-	209,110	4,529	-
Strip Permit No. 1525-1	Armstrong	Up. Freeport	48	-	-	-	-	-	-	Total	209,110	4,529	-
Auger-BAM-760													
Darmac Coal, Inc.	Armstrong	Up. Freeport	38	-	-	-	-	-	-	-	106,350	3,450	-
Strip Permit No. 1600-3	Armstrong	Up. Freeport	38	-	-	-	-	-	-	Total	106,350	3,450	-
Auger-BAM-853													
Daset Mining Corp.	Armstrong	Mid. Kittanning	36	-	-	-	-	-	-	-	23,400	1,200	-
Strip Permit No. 1551-6	Armstrong	Mid. Kittanning	36	-	-	-	-	-	-	-	47,800	2,400	-
Strip Permit No. 1551-7	Armstrong	Mid. Kittanning	36	-	-	-	-	-	-	Total	46,800	2,400	-
Strip Permit No. 1551-7A	Armstrong	Mid. Kittanning	36	-	-	-	-	-	-		117,000	6,000	-
Daybrook Coal Co.	Armstrong	Up. Freeport	65	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1125-2	Armstrong	Up. Freeport	46	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1125-3 & 4													

District 35

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Inches:Depth	Length:Degrees	Drift:Drift	Number and Type			Pounds of Explosives Used	
				Shaft:	Slope:				Lamps Used	:	:	Ammonium Nitrate	Other Permissible Dynamite (Name)
Doverspike, Gary C.													
Strip Permit No. 1369-2	Armstrong	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1369-4	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-
Special Project No. 330	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-
Eagle Mountain Coal Co.													
Strip Permit No. 1425-1	Armstrong	Up. Freeport	42	-	-	-	-	-	-	-	-	20,000	100
Strip Permit No. 1425-2	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-
									Total			20,000	100
Erdley Brothers Construction Co.													
Strip Permit No. 1390-2	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-
H&R Coal Co.													
Strip Permit No. 995-4	Armstrong	Lo. Free. & M. Kitt.	25	-	-	-	-	-	-	-	-	148,650	5,090
Strip Permit No. 995-7	Armstrong	Up. Kitt.&Lo. Free.	26	-	-	-	-	-	-	-	-	136,210	6,250
									Total			284,860	11,340
Harman, Paul C.													
Strip Permit No. 1736-1	Armstrong	Lo. Kittanning	46	-	-	-	-	-	-	-	-	-	-
Harmon Coal Co.													
Strip Permit No. 514-6	Armstrong	Mid.&Lo. Kitt.	18-28	-	-	-	-	-	-	-	-	224,800	1,750
Strip Permit No. 514-15	Armstrong	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 514-19	Armstrong	Up. Freeport	48	-	-	-	-	-	-	-	-	290,950	2,150
									Total			515,750	3,900
Hawk Contracting, Inc.													
Strip Permit No. 121-13	Armstrong	Up. Freeport	30	-	-	-	-	-	-	-	-	-	-
Houser, Earl													
Strip Permit No. 163-1 & 2	Armstrong	Up. Freeport	46	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 163-3	Armstrong	Lo. Free.& Up. Kittanning	32-20	-	-	-	-	-	-	-	-	-	-
Auger-BAM-422													
Houser Coal Co., Walter L.	Armstrong	Up. Freeport	46	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 564-11	Armstrong	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 564-12	Armstrong	Up. Free.&Lo. Kitt.	36	-	-	-	-	-	-	-	-	316,425	8,590
Strip Permit No. 564-18	Armstrong	Up. Freeport	44	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 564-21 & 23	Armstrong	Up. Freeport	28	-	-	-	-	-	-	-	-	-	-
									Total			316,425	8,590
Jacobs Contracting Corp.													
Strip Permit No. 1274-3	Armstrong	Up. Kittanning	54	-	-	-	-	-	-	-	-	43,000	2,000
Strip Permit No. 1274-3	Armstrong	Mid. Kittanning	26	-	-	-	-	-	-	-	-	74,200	3,650
									Total			117,200	5,650

District 35

Operators and Mines	County	Geological Name of Coal Bed	Height of Shaft:	Kind of Opening		Inches:Depth:	Degrees:Drift:	Gaseous or: Nongaseous:	Number and Type		Pounds of Explosives Used	
				Slope	:Drift:				:Lamps Used	:Flame :Elec-:Safety:tric	Ammonium Nitrate	Dynamite (Name)
Keystone Portland Cement Co.												
Strip Permit No. 712-3	Armstrong	Mid. Kittanning	23	-	-	-	-	-	-	-	36,688	200
L&E Construction & Equipment Co., Inc.												
Strip Permit No. 26-11	Armstrong	Up. Freeport	50	-	-	-	-	-	-	-	3,000	-
Strip Permit No. 26-12	Armstrong	Up. Freeport	50	-	-	-	-	-	-	-	15,000	-
Strip Permit No. 26-13	Armstrong	Up. Freeport	50	-	-	-	-	-	-	-	14,000	-
Strip Permit No. 26-14	Armstrong	Up. Freeport	50	-	-	-	-	-	-	-	90,000	-
Total											122,000	-
M & M Mining, Inc.												
Strip Permit No. 1207-7	Armstrong	Up. Freeport	28	-	-	-	-	-	-	-	-	-
Markle-Bullers Coal Co.												
Strip Permit No. 504-27	Armstrong	Lo. & Mid. Kitt. 36-24	36-24	-	-	-	-	-	-	-	170,720	3,870
Strip Permit No. 504-40	Armstrong	L., M. & U. Kitt. 29-32-30	29-32-30	-	-	-	-	-	-	-	263,965	10,060
Strip Permit No. 504-43	Armstrong	Up. Freeport	34	-	-	-	-	-	-	-	-	-
Strip Permit No. 504-44	Armstrong	Lo. Kittanning	38	-	-	-	-	-	-	-	15,800	400
Total											450,485	14,330
Martin Coal Co., James E.												
Strip Permit No. 419-6	Armstrong	Lo. Kittanning	30	-	-	-	-	-	-	-	10,450	250
Strip Permit No. 419-7	Armstrong	Mid. & Lo. Kitt.	30	-	-	-	-	-	-	-	31,715	1,350
Strip Permit No. 419-10	Armstrong	Up. Freeport	30	-	-	-	-	-	-	-	126,665	440
Strip Permit No. 419-11	Armstrong	Up. Kittanning	30	-	-	-	-	-	-	-	-	-
Auger-BAM-734	Armstrong	Up. Freeport	30	-	-	-	-	-	-	-	-	-
Auger-BAM-767	Armstrong	Up. Kittanning	30	-	-	-	-	-	-	-	-	-
Total											168,830	2,040
Mauersberg Coal Co.												
Strip Permit No. 344-25	Armstrong	Up. Freeport	40	-	-	-	-	-	-	-	163,210	6,940
McIntire Coal Co., Inc., William J.												
Strip Permit No. 638-3	Armstrong	Up. Freeport	40	-	-	-	-	-	-	-	109,430	53,452
Auger-BAM-825	Armstrong	Up. Freeport	40	-	-	-	-	-	-	-	-	-
Total											109,430	53,452
Monroe Contract Corp.												
Strip Permit No. 1137-3 & 4	Armstrong	Up. Freeport	46	-	-	-	-	-	-	-	-	-
Auger-BAM-781	Armstrong	Up. Freeport	46	-	-	-	-	-	-	-	-	-
North Cambria Fuel Co.												
Strip Permit No. 10-41	Armstrong	Up. Freeport	38	-	-	-	-	-	-	-	132,140	3,700
Oak Tree Coal Co.												
Strip Permit No. 1695-5	Armstrong	Up. Freeport	46	-	-	-	-	-	-	-	-	-

District 35A

Operators and Mines	County	Geological Name of Coal Bed	Height of Shaft	Kind of Opening			Inches	Depth	Length	Degrees	Drift	Number and Type				Pounds of Explosives Used			
				Slope	: Shaft	: Slope						: Drift	: Lamps	: Used	: Flame	: Elec- Safety	: Nitrate	Dynamite	Other Permissible (Name)
B & G Construction Co., Inc. Strip Permit No. 25-5 Strip Permit No. 25-7 Strip Permit No. 25-14	Armstrong Armstrong Armstrong	Mid. Kit.-L. Free. Lo. Freeport Lo. Freeport	45 45 45	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	66,000 110,000 12,000	- - -	- - -		
													Total		188,000	-	-		
Brown Brothers Coal Co. Strip Permit No. 485-2	Armstrong	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-	-	21,740	214	-		
Bryar Construction Co. Strip Permit No. 575-2	Armstrong	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-	799,280	14,376	-		
C&K Coal Co. Strip Permit No. 4-151	Armstrong	L. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	730,959	2,636	-		
Daset Mining Corp. Strip Permit No. 1551-1 Strip Permit No. 1551-4	Armstrong Armstrong	Lo. Freeport Lo. Freeport	42 32	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	14,600 242,100	800 7,000	- -		
													Total		256,700	7,800	-		
Double A Coal Co. Strip Permit No. 1054-1	Armstrong	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-	-	17,200	-	-		
Erdley Brothers Construction Co. Strip Permit No. 1390-1 Strip Permit No. 1390-3 Strip Permit No. 1390-4	Armstrong Armstrong Armstrong	Up. & Lo. Free Up. Freeport Up. & Lo. Free.	36 36 36-30	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- 8,000 -	- 400 -	- - -		
													Total		8,000	400	-		
Fiore Development Co. Strip Permit No. 305-9 Strip Permit No. 305-11	Armstrong Armstrong	Mahoning Lo. Freeport	42 30	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -		
Firestone Coal, Inc. Strip Permit No. 1556-1 Auger-BAM-753	Armstrong Armstrong	Up. Freeport Up. Freeport	42 42	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	27,800 -	271	- -		
													Total		27,800	271	-		
H. & R. Coal Co. Strip Permit No. 995-8 Harman Co., Inc., Paul C. Strip Permit No. 322-18	Armstrong Armstrong	Lo. Freeport Lo. Freeport	32 46	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	722,525 -	32,600	- -		
Hawk Contracting, Inc. Strip Permit No. 121-14 Houser Coal Co., Walter L. Strip Permit No. 564-10 Strip Permit No. 564-15	Armstrong Armstrong Armstrong	Up. Freeport Up. Freeport Up. Freeport	40 40 36	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	10,000 924,915 176,080	500 48,940 3,960	100* - -		
													Total		1,100,995	52,900	-		

District 35A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Kind of Opening			Number and Type			Pounds of Explosives Used					
					: Shaft:	: Slope	: Drift:	: Lamps	: Used	: :	: Flame	: Elec.	: Ammonium			
														: Depth:	: Length:	: Degrees:
Jacobs Contracting Corp.	Armstrong	Lo. Freeport	32-40	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1274-4	Armstrong	Mahoning	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1274-6	Armstrong	Lo. Freeport	32-40	-	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM-710	Armstrong	Mahoning	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM-712	Armstrong			-	-	-	-	-	-	-	-	-	-	-	-	-
King Coal Co.	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1566-2	Armstrong	Up. &Lo. Free.	16-24	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1566-9	Armstrong			-	-	-	-	-	-	-	-	-	-	-	-	-
Kravetsky, Charles	Armstrong	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1223-1	Armstrong	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1223-1A	Armstrong			-	-	-	-	-	-	-	-	-	-	-	-	-
Lakeside Coal Co., Inc.	Armstrong	Mahoning	40	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1365-4	Armstrong	Mahoning	32	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1365-5	Armstrong			-	-	-	-	-	-	-	-	-	-	-	-	-
M & M Mining, Inc.	Armstrong	Up. Kittanning	26	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1207-5	Armstrong			-	-	-	-	-	-	-	-	-	-	-	-	-
Manor Minerals, Inc.	Armstrong	Up. Freeport	44	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 333-5	Armstrong			-	-	-	-	-	-	-	-	-	-	-	-	-
McIntire Coal Co., Inc., William J.	Armstrong	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 638-1	Armstrong	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 638-4	Armstrong	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM-621	Armstrong			-	-	-	-	-	-	-	-	-	-	-	-	-
Mears Coal Co., Inc.	Armstrong	Up. Freeport	60	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1670-1	Armstrong	Up. Freeport	60	-	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM-812	Armstrong			-	-	-	-	-	-	-	-	-	-	-	-	-
Nicholson Run Coal Co.	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 586-2	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 586-3	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 586-4	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 586-5	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-
P & L Coal Co., Inc.	Armstrong	Up. Freeport	30	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 115-6 & 7	Armstrong			-	-	-	-	-	-	-	-	-	-	-	-	-
Penn Terra, Inc.	Armstrong	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1275-2	Armstrong			-	-	-	-	-	-	-	-	-	-	-	-	-
Total													15,010	310	-	-
Total													15,010	310	-	-
Total													1,571,283	18,698	-	-
Total													1,603,350	19,080	-	-

District 35A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches:Depth	Kind of Opening			Number and Type			Pounds of Explosives Used		
					:Shaft:	Slope	:Drift:	:Lamps Used	:	:	:	Ammonium Nitrate	Dynamite (Name)
Rob Coal Co. Strip Permit No. 542-9A Auger-BAM-861	Armstrong	Up. Freeport	42	-	-	-	-	-	-	-	94,200	-	-
	Armstrong	Up. Freeport	42	-	-	-	-	-	-	-	94,200	-	-
Rochester & Pittsburgh Coal Co. Strip Permit No. 482-5 Strip Permit No. 482-8 Strip Permit No. 482-9 Strip Permit No. 482-13	Armstrong	Pittsburgh	144	-	-	-	-	-	-	-	1,557,775	29,880	77,677**
	Armstrong	Pittsburgh	144	-	-	-	-	-	-	-	1,531,075	98,725	4,770*
	Armstrong	Pittsburgh	144	-	-	-	-	-	-	-	691,450	152,370	7,405#
	Armstrong	Pittsburgh	144	-	-	-	-	-	-	-	519,258	9,960	2,637*
S & S Coal Co., Inc. Strip Permit No. 577-2 Strip Permit No. 577-3	Armstrong	Pittsburgh	72	-	-	-	-	-	-	-	4,227,558	25,892**	5,025#
	Armstrong	Up. Freeport	44	-	-	-	-	-	-	-	500,125	3,616	-
Snyder Co., C.H. Strip Permit No. 1103-1 Strip Permit No. 1103-2	Armstrong	U&M Kitt.-U.Free.28-34	-	-	-	-	-	-	-	-	84,000	1,154	-
	Armstrong	U&M Kitt.-U.Free.28-34	-	-	-	-	-	-	-	-	584,125	4,770	-
State Industries, Inc. Strip Permit No. 435-11 West Freedom Mining Corp. Strip Permit No. 68-23 Strip Permit No. 68-30	Armstrong	Up. Kittanning	28	-	-	-	-	-	-	-	169,555	4,950	-
	Armstrong	Lo. Freeport	36	-	-	-	-	-	-	-	207,205	4,030	-
	Armstrong	Lo. Kittanning	36	-	-	-	-	-	-	-	376,760	8,980	-
	Armstrong	Lo. Freeport	26	-	-	-	-	-	-	-	-	-	-
Yates Brothers Coal Co. Strip Permit No. 1351-3	Armstrong	Lo. Freeport	26	-	-	-	-	-	-	-	-	-	-
District Total											14,136,358	961,012	123,506

* Primers
** B-Mix
Slurry

District 36

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible Dynamite (Name)	
				Shaft	Slope	Drift	Lamps Used	Caseous or: Flame	Elec-: Safety			Open: Nitrate
AH-RS Coal Corp.	Clarion	Clarion	36	-	-	-	-	-	-	17,789	486	-
Strip Permit No. 847-1												
Allegheeny Mineral Corp.	Clarion	Up. Freeport	66	-	-	-	-	-	-	-	-	-
Strip Permit No. 571-6												
Baughman Coal Co., Inc., R. D.	Clarion	Lo. Kittanning	36	-	-	-	-	-	-	310,560	57,577	-
Strip Permit No. 151-64	Clarion	Lo. Kittanning	36	-	-	-	-	-	-	34,506	6,397	-
Strip Permit No. 151-71	Clarion	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 151-75										345,066	63,974	-
Beveridge Coal Co.	Clarion	Lo. Kittanning	24	-	-	-	-	-	-	125,650	10,600	-
Strip Permit No. 1349-1												
C&K Coal Co.	Clarion	Lo. Kittanning	28	-	-	-	-	-	1	218,440	2,609	-
Strip Permit No. 4-55	Clarion	Clarion	52	-	-	-	-	-	-	76,030	1,172	-
Strip Permit No. 4-85	Clarion	Clarion	42	-	-	-	-	-	-	57,690	406	-
Strip Permit No. 4-89	Clarion	Clarion	41	-	-	-	-	-	-	1,045,570	6,239	-
Strip Permit No. 4-93	Clarion	Clarion	40	-	-	-	-	-	-	59,975	276	-
Strip Permit No. 4-94	Clarion	Clarion	38	-	-	-	-	-	-	428,430	6,263	-
Strip Permit No. 4-98	Clarion	Clarion	36	-	-	-	-	-	-	24,575	209	-
Strip Permit No. 4-102	Clarion	Mid. Kittanning	26	-	-	-	-	-	-	405,960	12,373	-
Strip Permit No. 4-110	Clarion	Lo. Kittanning	36	-	-	-	-	-	-	149,475	2,266	-
Strip Permit No. 4-111	Clarion	Clarion	42	-	-	-	-	-	-	3,325	50	-
Strip Permit No. 4-112	Clarion	Clarion	42	-	-	-	-	-	-	-	-	-
Strip Permit No. 4-113	Clarion	Lo. Freeport	42	-	-	-	-	-	-	5,671,860	28,616	-
Strip Permit No. 4-114	Clarion	Lo. Kittanning	36	-	-	-	-	-	-	322,835	3,872	-
Strip Permit No. 4-115	Clarion	Clarion	30	-	-	-	-	-	-	662,935	2,947	-
Strip Permit No. 4-116	Clarion	Mid. Kittanning	26	-	-	-	-	-	-	1,917,324	6,661	-
Strip Permit No. 4-117	Clarion	Lo. Kittanning	28	-	-	-	-	-	-	987,780	8,121	-
Strip Permit No. 4-120	Clarion	Clarion&Lo. Kitt.	40-20	-	-	-	-	-	-	542,607	3,756	-
Strip Permit No. 4-123	Clarion	Lo. Freeport	30	-	-	-	-	-	-	8,225	135	-
Strip Permit No. 4-127	Clarion	Clarion	50	-	-	-	-	-	-	900,666	18,212	-
Strip Permit No. 4-131	Clarion	Clarion	42	-	-	-	-	-	-	1,076,681	7,290	-
Strip Permit No. 4-134	Clarion	Lo. Kittanning	24	-	-	-	-	-	-	166,950	1,599	-
Strip Permit No. 4-137	Clarion	Clarion	60	-	-	-	-	-	-	308,135	2,197	-
Strip Permit No. 4-142	Clarion	Mid. Kittanning	26	-	-	-	-	-	-	1,115,231	7,584	-
Strip Permit No. 4-144	Clarion	Clarion	26	-	-	-	-	-	-	336,150	1,717	-
Strip Permit No. 4-146	Clarion	Mid. Kittanning	24	-	-	-	-	-	-	1,060,170	11,325	-
Strip Permit No. 4-147	Clarion	Mid. Kittanning	24	-	-	-	-	-	-	-	-	-
Strip Permit No. 4-148	Clarion	Clarion	42	-	-	-	-	-	-	193,035	735	-
Strip Permit No. 4-149	Clarion	Mid.&Lo. Kitt.	26-34	-	-	-	-	-	-	-	-	-

District 36

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Depth	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible
						Shaft	Slope	Drift	Lamps Used				
												Ammonium Nitrate	Dynamite (Name)
C&K Coal Co. (continued)	Clarion	Lo. Kittanning	38									73,100	352
	Clarion	Mid. Kittanning	26									-	-
	Clarion	Mid. Kittanning	26									-	-
	Clarion	Lo. Kittanning	34									-	-
	Clarion	Lo. Clarion	30									-	-
	Clarion	Lo. Clarion	26									-	-
									Total			17,823,154	136,982
Chernicky Coal Co., Inc.	Clarion	Lo. Kittanning	32									51,767	766
	Clarion	Clarion	48									460,090	57,737
	Clarion	Mid. & Lo. Kitt.	28-36									921,564	26,826
	Clarion	Lo. & Mid. Kitt.	28-30									5,300	5,163
									Total			1,438,721	90,492
Clarion Fossil Fuels Corp.	Clarion	Up. Freeport	20									-	-
	Clarion	Lo. Kittanning	18-20									-	-
	Clarion	Lo. Freeport,										-	-
	Clarion	L. & M. Kittanning	22-20-28									176,776	14,326
		Lo. & Mid. Kitt.	38-30									166,850	16,080
									Total			339,626	30,406
Colt Resources, Inc.	Clarion	Lo. Kittanning	36									-	2,348
	Clarion	Clarion	40									-	1,916
	Clarion	Lo. Kittanning	24									-	-
									Total			-	4,264
Cotterman, W. A.	Clarion	Up. & Lo. Freeport	30									88,667	495
	Clarion	Lo. Kittanning	36									22,812	127
	Clarion	Lo. Kittanning	36									137,567	769
	Clarion	Lo. Kittanning	36									15,776	90
	Clarion	Lo. Kittanning	36									213,535	1,193
	Clarion	Lo. Kittanning	36									22,458	1,25
									Total			500,814	2,799
Darmac Coal, Inc.	Clarion	Up. Freeport	60									-	-
		Strip Permit No. 1600-2										-	-

District 36

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible Dynamite (Name)
				Shaft	Slope	Drift	Lamps	Used			
Dean Contractor, Inc., Ernest C.											
Strip Permit No. 379-35	Clarion	L.M & U Kitt.	28							367,100	38,345
Strip Permit No. 379-36	Clarion	Up. & Mid. Kitt.	28							-	-
Strip Permit No. 379-41&42	Clarion	Lo. Freeport	35							-	-
Strip Permit No. 379-43	Clarion	Lo. & Mid. Kitt.	28							70,917	2,328
Strip Permit No. 379-44	Clarion	Lo. & Mid. Kitt.	24							-	-
Strip Permit No. 379-45	Clarion	Lo. Freeport	48							187,942	19,439
Strip Permit No. 379-46	Clarion	L. & Mid. Kitt.	30							-	-
							Total			625,959	60,112
Deitz, Donald W.											
Strip Permit No. 1270-2	Clarion	Lo. Kittanning	24							-	-
Strip Permit No. 1270-3	Clarion	Lo. Kittanning	30							940,000	8,300
Strip Permit No. 1270-4	Clarion	Lo. Kittanning	30							-	-
							Total			940,000	8,300
Elbe Contracting Co.											
Strip Permit No. 1644-1	Clarion	Up. Kittanning	18							-	-
Strip Permit No. 1644-3	Clarion	Lo. Clarion	24							10,000	1,000
Strip Permit No. 1644-6	Clarion	Up. Freeport	36							10,000	1,000
							Total			20,000	2,000
Fagley, Robert L.											
Strip Permit No. 1289-1	Clarion	Mid. & Lo. Kitt.	24-30							-	-
Strip Permit No. 1289-3	Clarion	Mid. & Lo. Kitt.	22-33							-	-
Strip Permit No. 1289-3A	Clarion	Mid. & Lo. Kitt.	22-33							46,320	9,994
Strip Permit No. 1289-3A2	Clarion	Mid. & Lo. Kitt.	22-33							30,880	7,687
Strip Permit No. 1289-4	Clarion	Lo. Kittanning	30							-	-
Strip Permit No. 1289-5	Clarion	Up. Kitt. & Lo. Free.	34-48							-	-
							Total			77,200	17,681
Fairhill Coal											
Strip Permit No. 602-4	Clarion	Up. Freeport	42							2,000	100
Gearhart, Alvin											
Strip Permit No. 632-4	Clarion	Lo. Freeport	48							24,250	560
Glacial Minerals, Inc.											
Strip Permit No. 1257-1	Clarion	Clarion	30							1,280,843	68,507
Strip Permit No. 1257-1	Clarion	Mid. Kittanning	30							133,767	2,994
Strip Permit No. 1257-1	Clarion	Lo. Kittanning	18							-	-
Strip Permit No. 1257-5	Clarion	Mid. Kittanning	30							730,899	21,448

District 36

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches:Depth	Kind of Opening			Number and Type			Pounds of Explosives Used		
					:Shaft:	:Slope	:Drift:	:Lamps	:Type	:	:Flame	:Elec	:Other
					:	:	:	:	:	:	:Nitrate	:Dynamite	:Permissible (Name)
Glacial Minerals, Inc. (continued)	Clarion	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-
	Clarion	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-
	Clarion	Mid. Kittanning	30	-	-	-	-	-	-	-	397,611	14,870	-
	Clarion	Mid. Kittanning	28	-	-	-	-	-	-	-	344,983	11,408	-
	Clarion	Mid. Kittanning	28	-	-	-	-	-	-	-	-	-	-
	Clarion	Mid. Kittanning	30	-	-	-	-	-	-	-	23,600	5,000	-
	Clarion	Lo. Clarion	36	-	-	-	-	-	-	-	651,090	38,424	-
	Clarion	Lo. Clarion	36	-	-	-	-	-	-	-	-	-	-
	Clarion	Mid. Kittanning	30	-	-	-	-	-	-	-	3,562,793	162,651	-
	Clarion	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-	1,463
	Clarion	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-	2,816
	Clarion	Clarion	30	-	-	-	-	-	-	-	16,220	1,605	-
	Clarion	Mid. Kittanning	28	-	-	-	-	-	-	-	-	-	-
	Clarion	Lo. Kittanning	18	-	-	-	-	-	-	-	176,750	17,381	-
	Clarion	Lo. Kittanning	38	-	-	-	-	-	-	-	-	-	-
Jack Brothers Construction Co. Strip Permit No. 450-11 Leadbetter Coal Co. Strip Permit No. 968-4 Lucinda Coal Co., Inc. Strip Permit No. 1015-1 MSM Coal Co., Inc. Strip Permit No. 1748-1 Mauersberg Coal Co. Strip Permit No. 344-9 Strip Permit No. 344-20 Strip Permit No. 344-30 Strip Permit No. 344-31 Strip Permit No. 344-33 Strip Permit No. 344-35 Strip Permit No. 344-36 Strip Permit No. 344-37 Strip Permit No. 344-42	Clarion	Lo. Kittanning	28	-	-	-	-	-	-	-	4,680	360	-
	Clarion	Lo. Kittanning	29	-	-	-	-	-	-	-	194,320	7,208	-
	Clarion	Lo. Kittanning	28	-	-	-	-	-	-	-	48,610	1,450	-
	Clarion	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	-
	Clarion	Up. Freeport	42	-	-	-	-	-	-	-	-	-	-
	Clarion	Up. Kittanning	21	-	-	-	-	-	-	-	-	-	-
	Clarion	Lo. Kittanning	29	-	-	-	-	-	-	-	-	-	-
	Clarion	Clarion	30	-	-	-	-	-	-	-	-	-	-
	Clarion	Clarion	30	-	-	-	-	-	-	-	7,840	720	-
	Clarion	Clarion	30	-	-	-	-	-	-	-	255,450	9,738	-
	Clarion	Clarion	31	-	-	-	-	-	-	-	188,423	5,195	-
	Clarion	Clarion	34	-	-	-	-	-	-	-	-	-	-
	Clarion	Clarion	34	-	-	-	-	-	-	-	188,423	5,195	-
	Clarion	Clarion	34	-	-	-	-	-	-	-	-	-	-
	Clarion	Clarion	34	-	-	-	-	-	-	-	-	-	-

Mays Coal Co.

Strip Permit No. 210-4(A2,8,9&10)
Strip Permit No. 210-6

District 36

Operators and Mines	County	Geological Name of Coal Bed	Seam	Inches	Depth	Length	Degrees	Drift	Kind of Opening			Number and Type		Pounds of Explosives Used		
									Shaft	Slope	Drift	Lamps Used	Flame	Elec-	Ammonium Nitrate	Dynamite	Other
Miles, Clyde																
Strip Permit No. 509-12	Clarion	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-	386,670	49,754	-
Miles Coal Co., Steven C.																
Strip Permit No. 1290-1	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-	331,000	28,691	-
Minich Coal Co.																
Strip Permit No. 415-6	Clarion	Lo. Kittanning	26	-	-	-	-	-	-	-	-	-	-	19,954	205	-
R.E.M. Coal Co., Inc.																
Strip Permit No. 932-6A	Clarion	Lo. & Mid. Kitt.	30	-	-	-	-	-	-	-	-	-	-	26,000	-	-
Strip Permit No. 932-7	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-	112,000	-	-
Strip Permit No. 932-12	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-	24,000	-	-
Strip Permit No. 932-13	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-	16,000	-	-
													Total	178,000	-	-
Reddinger, Terry																
Strip Permit No. 314-29 & 34	Clarion	Mid. Kittanning	24	-	-	-	-	-	-	-	-	-	-	-	-	-
Reichard Paving & Excavating, Gene																
Strip Permit No. 606-2	Clarion	Up. Kittanning	28	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 606-4	Clarion	Mid. Kittanning	22	-	-	-	-	-	-	-	-	-	-	-	-	-
Shaffer, Cecil																
Strip Permit No. 1167-6	Clarion	Lo. & Mid. Kitt.	27-34	-	-	-	-	-	-	-	-	-	-	-	-	-
Shannon Coal Co.																
Strip Permit No. 1204-3	Clarion	Clarion	40	-	-	-	-	-	-	-	-	-	-	513,253	3,770	-
Strip Permit No. 1204-5	Clarion	Lo. & Mid. Kitt.	32-26	-	-	-	-	-	-	-	-	-	-	1,757,110	6,250	-
Strip Permit No. 1204-9	Clarion	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-	1,518,311	8,175	-
Strip Permit No. 1204-10	Clarion	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-	-	1,032,168	6,758	-
Strip Permit No. 1204-11	Clarion	Mid. & Lo. Kitt.	26-32	-	-	-	-	-	-	-	-	-	-	242,639	2,907	-
Strip Permit No. 1204-13	Clarion	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-	-	1,781,724	8,452	-
Strip Permit No. 1204-14	Clarion	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-	-	1,654,984	11,678	-
Strip Permit No. 1204-15	Clarion	Lo. & Mid. Kitt.	28-26	-	-	-	-	-	-	-	-	-	-	3,375,990	13,304	-
Strip Permit No. 1204-19	Clarion	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-	-	72,185	665	-
Strip Permit No. 1204-20	Clarion	Clarion	22	-	-	-	-	-	-	-	-	-	-	938,343	6,212	-
Strip Permit No. 1204-22	Clarion	Clarion	34	-	-	-	-	-	-	-	-	-	-	588,710	7,718	-
Strip Permit No. 1204-24	Clarion	Up. & Lo. Free.	30-24	-	-	-	-	-	-	-	-	-	-	995,307	6,342	-
Strip Permit No. 1204-25	Clarion	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	-	58,712	515	-
Strip Permit No. 1204-26	Clarion	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-	2,092,984	9,181	-
Auger-BAN-746	Clarion	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-	-	16,622,420	91,927	-
													Total	16,622,420	91,927	-

District 36

[illegible]

District 37

[illegible]

District 37

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps	Used		Ammonium Nitrate	Dynamite	Other Permissible (Name)
Phillips, Merle H. Strip Permit No. 613-10	Venango	Clarion	28-30	-	-	-	-	-	-	-	-	-
Rockland Mining Co. Strip Permit No. 1106-1A2	Venango	Up. & Lo. Clarion	17-24	-	-	-	-	-	-	416,535	41,335	-
Romanko Brothers Enterprises, Inc. Strip Permit No. 1788-1	Venango	Brookville	28	-	-	-	-	-	-	-	-	-
Siegel, Thomas E. Strip Permit No. 1210-6	Clarion	Up. & Lo. Clarion	18-24	-	-	-	-	-	-	3,400	125	-
Siegel Coal Co., Harold A. Strip Permit No. 8-19 & 20	Clarion	Clarion	24	-	-	-	-	-	-	474,590	81,065	-
Weaver Contracting, Inc. Strip Permit No. 1336-1	Venango	Up. & Lo. Clarion	30	-	-	-	-	-	-	265,863	58,683	-
Strip Permit No. 1356-2	Clarion	Up. Clarion	16	-	-	-	-	-	-	-	-	-
Total										265,863	58,683	-
Weaver & Sons, A.P. Strip Permit No. 144-12	Clarion	Clarion	36	-	-	-	-	-	-	376,000	5,320	56,700
Strip Permit No. 144-20	Clarion	Clarion	36	-	-	-	-	-	-	201,300	3,514	38,750
Strip Permit No. 144-22	Clarion	Clarion	34	-	-	-	-	-	-	171,000	3,225	31,260
Total										748,300	12,059	126,710
Winger Coal Co., Inc. Strip Permit No. 401-9	Venango	Brookville	32	-	-	-	-	-	-	160,756	3,350	-
Zacherl Coal Co., Inc. Strip Permit No. 73-26	Clarion	Up. & Lo. Clarion	23	-	-	-	-	-	-	84,840	8,400	-
Strip Permit No. 73-31	Venango	Up. & Lo. Clarion	23	-	-	-	-	-	-	-	-	-
Total										84,840	8,400	-
District Total										8,231,448	553,439	126,710

District 38

Adams, Mervin J. Strip Permit No. 1038-1 & 2	Jefferson	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-
Baughman Coal Co., Inc., R.D. Strip Permit No. 151-56	Jefferson	Lo. Kittanning	32	-	-	-	-	-	-	44,856	386	-
Strip Permit No. 151-60	Jefferson	Lo. Kittanning	30	-	-	-	-	-	-	41,160	1,281	-
Strip Permit No. 161-68	Jefferson	Lo. Kittanning	30	-	-	-	-	-	-	349,668	17,537	-

	<div style="text-align:center;">Operators and Mines</div>	<div style="text-align:center;">County</div>	<div style="text-align:center;">Kind of Opening</div>							<div style="text-align:center;">Number and Type : Lamps Used :</div>		<div>Pounds of Explosives Used Other Permissible Dynamite (Name)</div>		
			<th colspan="4"></th>											
			: Height :	:	:	:	:	:	:					:
			: Geological Name :	:	:	:	:	:	:					:
			: Seam :	:	:	:	:	:	:					:
			Inches: Depth: Length: Degrees: Drift: Non-gaseous: Open: Safety: Tric :	:	:	:	:	:	:					:
Baugham Coal Co., Inc., R.D. (continued) Strip Permit No. 161-68(C)A2	Jefferson	Lo. Kittanning	30	-	-	-	-	Total	52,630 488,314	4,933 24,137	- -			
Bracken Construction Co. Strip Permit No. 1189-1	Jefferson	L., M&J. Kitt.	34	-	-	-	-	-	307,125	25,085	-			
Burkett, Maxine L. Strip Permit No. 1308-1	Jefferson	Lo. Kittanning	24	-	-	-	-	-	36,715	391	-			
Burkett Coal Co., L. & L. Strip Permit No. 1673-1	Jefferson	Up. Freeport	31	-	-	-	-	-	28,622	332	-			
Caylor Coal Co. Strip Permit No. 1135-1	Jefferson	Lo. Freeport	40	-	-	-	-	-	-	-	-			
Doverspike Brothers Coal Co. Strip Permit No. 567-12 & 13	Jefferson	Lo. Freeport	40	-	-	-	-	-	318,444	1,281	-			
Strip Permit No. 567-22 & 22A	Jefferson	Up. Freeport	22	-	-	-	-	-	222,547	24,456	-			
Strip Permit No. 343-29	Jefferson	Lo. Freeport	50	-	-	-	-	-	-	-	-			
Strip Permit No. 567-31	Jefferson	Mid. Kittanning	14	-	-	-	-	-	-	-	-			
Strip Permit No. 567-33	Jefferson	Lo. Kittanning	34	-	-	-	-	-	-	-	-			
Strip Permit No. 567-40 & 44	Jefferson	Lo. Kittanning	22	-	-	-	-	-	192,758	3,934	-			
Strip Permit No. 567-41	Jefferson	Lo. Freeport	30	-	-	-	-	Total	6,188 739,937	44 29,715	-			
Glenn Coal Co., Div. of Champion Coal Co., Inc.	Jefferson	Mid. Kittanning	28	-	-	-	-	-	-	-	-			
Strip Permit No. 343-16	Jefferson	Up. Freeport	30	-	-	-	-	-	-	-	-			
Strip Permit No. 343-18	Jefferson	Mid. Kittanning	22	-	-	-	-	-	351,543	12,912	-			
Strip Permit No. 343-19	Jefferson	Mid. Kittanning	16	-	-	-	-	-	-	-	-			
Strip Permit No. 343-20	Jefferson	Up. Freeport	30	-	-	-	-	-	256,358	1,406	-			
Strip Permit No. 343-24	Jefferson	Mid. Kittanning	14	-	-	-	-	-	-	-	-			
Strip Permit No. 343-25	Jefferson	Lo. Kittanning	30	-	-	-	-	-	62,351	4,354	-			
Strip Permit No. 1403-9	Jefferson	Lo. Kittanning	27	-	-	-	-	-	184,754	4,360	-			
Strip Permit No. 1403-10	Jefferson	Lo. Kittanning	25	-	-	-	-	-	348,652	4,074	-			
Strip Permit No. 1403-11	Jefferson	Lo. Freeport	30	-	-	-	-	-	-	-	-			
Strip Permit No. 1403-12	Jefferson	Mid. Kittanning	30	-	-	-	-	Total	413,792 1,617,450	3,887 30,993	-			
Harmon Coal Co. Strip Permit No. 514-12	Jefferson	Mid. Kittanning	28	-	-	-	-	-	151,600	1,400	-			
Ingram Coal Co. Strip Permit No. 1476-2	Jefferson	Lo. Kittanning	24	-	-	-	-	-	32,000	3,000	-			

District 38

Operators and Mines	County	Geological Name of Coal bed	Height of Shaft	Kind of Opening		Drift	Number and Type			Pounds of Explosives Used	Other Permissible		
				Slope			Lamps	Open	Electric				
Seam			Inches	Depth	Length	Degrees	Drift	Non-gaseous	Open	Safe	Electric	Dynamic	(Name)
J. O. T. Coal Corp.													
Strip Permit No. 1776-1	Jefferson	Lo. Freeport	42	-	-	-	-	-	-	-	-	-	-
Kann Coal Co., John		Up. Mo. Free.	30-20	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 621-6	Jefferson	Up. Kittanning	27	-	-	-	-	-	-	2,193,457	55,282	-	-
Koyatone Mining Co.													
Strip Permit No. 1647-1	Jefferson	Lo. Freeport	36	-	-	-	-	-	-	341,761	2,679	-	-
Strip Permit No. 1647-2	Jefferson	Up. Freeport	28	-	-	-	-	-	-	-	-	-	-
Markle-Bullers Coal Co.													
Strip Permit No. 504-34	Jefferson	Mid. Kittanning	29	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 504-37	Jefferson	Mid. Kittanning	28	-	-	-	-	-	-	109,120	5,490	-	-
Strip Permit No. 504-38	Jefferson	Lo. Freeport	54	-	-	-	-	-	-	20,325	550	-	-
Strip Permit No. 504-39	Jefferson	Up. Freeport	38	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 504-41	Jefferson	Lo. Kittanning	34	-	-	-	-	-	-	17,500	300	-	-
Strip Permit No. 504-42	Jefferson	Up. Freeport	50	-	-	-	-	-	-	260,785	9,580	-	-
Total													
										407,730	15,920	-	-
Mauersberg Coal Co.													
Strip Permit No. 344-32	Jefferson	Up. Kittanning	38	-	-	-	-	-	-	-	-	-	-
Moore Coal Co., Everett		Up. Freeport	38	-	-	-	-	-	-	20,232	632	-	-
Strip Permit No. 157-13	Jefferson	Lo. Kittanning	26	-	-	-	-	-	-	29,990	307	-	-
Strip Permit No. 157-14	Jefferson			-	-	-	-	-	-	50,222	930	-	-
Total													
										-	-	-	-
Neal Coal Corp., Howard													
Strip Permit No. 1442-1	Jefferson	Up. Freeport	48	-	-	-	-	-	-	47,808	379	-	-
Strip Permit No. 1442-2	Jefferson	Up. Freeport	48	-	-	-	-	-	-	161,919	924	-	-
Total													
										209,747	1,303	-	-
P & N Coal Co., Inc.													
Strip Permit No. 32-49, 56, 83, 88	Jefferson	Up. Freeport	32	-	-	-	-	-	-	2,035,953	82,366	-	-
		Lo. Freeport	30	-	-	-	-	-	-	-	-	-	-
		Up. Kittanning	24	-	-	-	-	-	-	-	-	-	-
P & Y Coal Co.													
Strip Permit No. 1583-1	Jefferson	Lo. Kittanning	28	-	-	-	-	-	-	52,925	500	-	-
Auger-BAM-766	Jefferson	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	-
Total													
										52,925	500	-	-
R.E.M. Coal Co., Inc.													
Strip Permit No. 932-15	Jefferson	Harlow	16	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 932-17	Jefferson	Lo. Kittanning	30	-	-	-	-	-	-	56,000	-	-	-
Total													
										56,000	-	-	-

District 38

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches:Depth	Kind of Opening			Number and Type			Pounds of Explosives Used		
					Shaft	Slope	Drift	Lamps Used	Other	Permissible	Ammonium Nitrate	Dynamite	(Name)
Red Gap Coal Co.													
Strip Permit No. 433-8	Jefferson	Up. Kittanning	-	-	-	-	-	-	-	-	-	-	-
Rice Coal Co.													
Strip Permit No. 1354-1	Jefferson	Lo. Freeport	48	-	-	-	-	-	-	-	42,178	642	-
S & M Coal Co.													
Strip Permit No. 1005-3	Jefferson	Up. Freeport	42	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1005-4	Jefferson	Lo. Freeport	40	-	-	-	-	-	-	-	-	-	-
Snyder, Marlin L.													
Strip Permit No. 395-2	Jefferson	Up. Freeport	48	-	-	-	-	-	-	-	30,000	200	-
Stanford, Richard													
Strip Permit No. 1205-1	Jefferson	Lo. Kittanning	26	-	-	-	-	-	-	-	24,200	316	-
Spring Valley Coal Corp., Inc.													
Strip Permit No. 1723-1	Jefferson	Lo. Kittanning	30	-	-	-	-	-	-	-	18,946	8,600	-
Stahlman Coal Co., Inc., W.P.													
Strip Permit No. 9-32	Jefferson	Clarion & B'ville	30								979,040	104,592	-
Strip Permit No. 9-43	Jefferson	Clarion & B'ville	28								1,177,830	65,790	-
Strip Permit No. 9-47	Jefferson	Clarion	28								-	-	-
Strip Permit No. 9-50	Jefferson	Lo. Kittanning	26	-	-	-	-	-	-	-	909,030	53,119	-
Strip Permit No. 9-53	Jefferson	Mid. Kittanning	30								831,900	44,679	-
Strip Permit No. 9-54	Jefferson	Lo. Kittanning	36								-	-	-
Strip Permit No. 9-55	Jefferson	Clarion	28								161,265	437	-
Auger-BAM-772	Jefferson	Brookville	30								4,059,065	268,617	-
Strishock Coal Co.													
Strip Permit No. 214-16 & 17	Jefferson	Lo. & Mid. Kitt.	18	-	-	-	-	-	-	-	910,988	13,786	-
Twin Brook Coal Co.													
Strip Permit No. 1672-1	Jefferson	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-
Yenzi Coal Co.													
Strip Permit No. 1529-1	Jefferson	Up. & Mid. Kitt.	24	-	-	-	-	-	-	-	-	-	-
District Total											13,834,935	566,194	-

District 38A

		County	Geological Name of Coal Bed	Height of Seam	Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		
						Shaft	Slope	Drift	Lamps Used	Flame	Electric	Ammonium Nitrate	Dynamite	Other
Operators and Mines														
Baughman Coal Co., Inc., R. D														
Strip Permit No. 151-66	Jefferson	Mid. Kittanning	18	-	-	-	-	-	-	-	136,120	12,392	-	-
Strip Permit No. 151-70	Jefferson	Lo. Kittanning	30	-	-	-	-	-	-	-	76,533	2,760	-	-
Strip Permit No. 151-74	Jefferson	Brookville	38	-	-	-	-	-	-	-	139,258	24,534	-	-
Special Permit No. 475	Jefferson	Mid. Kittanning	24	-	-	-	-	-	-	-	-	-	-	-
Total											351,911	39,686	-	-
Becker, Blake Jr.														
Strip Permit No. 1367-1	Jefferson	Up. Freeport	26	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1367-2	Jefferson	Up. Freeport	30-54	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1367-3	Jefferson	Up. Freeport	18	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1367-4	Jefferson	Lo. Freeport	24	-	-	-	-	-	-	-	-	-	-	-
Benjamin Coal Co.														
Strip Permit No. 64-130	Jefferson	Up. Freeport	24	-	-	-	-	-	-	-	834,600	7,300	-	-
Strip Permit No. 64-137	Jefferson	Up. Freeport	24	-	-	-	-	-	-	-	1,002,000	11,000	-	-
Strip Permit No. 64-139	Jefferson	Mid. Kitt.&Lo. Free.	26	-	-	-	-	-	-	-	1,001,000	10,000	-	-
Strip Permit No. 64-152	Jefferson	Mid. Kittanning	34	-	-	-	-	-	-	-	334,000	3,000	-	-
Total											3,717,600	31,300	-	-
Boyer Coal Co.														
Strip Permit No. 269-6	Jefferson	Lo. Freeport	48	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 269-7	Jefferson	Lo. Freeport	46	-	-	-	-	-	-	-	-	-	-	-
Brubaker Brothers Coal Co.														
Strip Permit No. 53-4	Jefferson	Up. Freeport	34	-	-	-	-	-	-	-	-	-	-	-
Calhoun, Dwight M.														
Strip Permit No. 262-1	Jefferson	Up. Kitt.&Up. Free.	24	-	-	-	-	-	-	-	17,750	350	-	-
Deemer, Fred A., Jr.														
Strip Permit No. 1445-1	Jefferson	Mid. Kittanning	18	-	-	-	-	-	-	-	8,191	154	-	-
Strip Permit No. 1445-2	Jefferson	Mid. Kittanning	18	-	-	-	-	-	-	-	-	-	-	-
Total											8,191	154	-	-
DeSalve Mining														
Strip Permit No. 1711-1	Jefferson	Lo. Freeport	48	-	-	-	-	-	-	-	-	-	-	-
Doan Coal Co.														
Strip Permit No. 154-13	Jefferson	Lo. Freeport	26	-	-	-	-	-	-	-	174,950	7,811	-	-
Strip Permit No. 154-14	Jefferson	Up. Freeport	36	-	-	-	-	-	-	-	3,500	250	-	-
Strip Permit No. 154-15	Jefferson	Mid. Kittanning	22	-	-	-	-	-	-	-	171,825	18,518	-	-
Total											350,275	26,579	-	-

District 38A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps	Used		Ammonium Nitrate	Dynamite	Other Permissible
				Inches	Depth	Length	Degrees	Drift	Non-gaseous	Open	Safety	Electric
Doverspike Brothers Coal Co.												
Strip Permit No. 567-35	Jefferson	Lo. Kittanning	22	-	-	-	-	-	-	-	-	-
Strip Permit No. 567-36, 37, 47	Jefferson	Lo. Kittanning	24	-	-	-	-	-	-	-	-	-
Strip Permit No. 567-42	Jefferson	Mid. Kittanning	20	-	-	-	-	-	-	-	-	-
								Total				
										1,713	712	12,857
Eye, Elmer												
Strip Permit No. 1008-1	Jefferson	Lo. Free. & Up. Kitt	27-28	-	-	-	-	-	-	-	-	-
Gearhart, Alvin W.												
Strip Permit No. 632-3	Jefferson	Mid. Kittanning	18	-	-	-	-	-	-	-	-	-
Strip Permit No. 632-5	Jefferson	Up. Kittanning	26	-	-	-	-	-	-	-	-	-
Strip Permit No. 632-12	Jefferson	Lo. Freeport	60	-	-	-	-	-	-	-	-	-
								Total				
										78	800	1,350
Glenn Coal Co., Div. of												
Champion Coal Co., Inc.												
Strip Permit No. 343-21	Jefferson	Lo. Freeport	24	-	-	-	-	-	-	-	-	-
Strip Permit No. 1403-4	Jefferson	Lo. Kittanning	22	-	-	-	-	-	-	-	-	-
								Total				
										154	983	1,228
										154	983	1,228
K.I.T. Industries												
Strip Permit No. 1417-1 & 4	Jefferson	Mid. Kittanning	20	-	-	-	-	-	-	-	-	-
Strip Permit No. 1417-5	Jefferson	Brookville	60	-	-	-	-	-	-	-	-	-
								Total				
										49	588	6,550
										49	588	6,550
Krach & Gearhart												
Strip Permit No. 1497-1	Jefferson	Mid. Kittanning	18	-	-	-	-	-	-	-	-	-
Strip Permit No. 1497-5 & 6	Jefferson	Lo. Kittanning	20	-	-	-	-	-	-	-	-	-
								Total				
										42	300	540
										42	300	540
Leasure Coal Co.												
Strip Permit No. 563-8	Jefferson	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-
Mears Coal Co., Inc.												
Strip Permit No. 1670-1	Jefferson	Lo. Freeport	48	-	-	-	-	-	-	-	-	-
Auger-B&M-827	Jefferson	Lo. Freeport	48	-	-	-	-	-	-	-	-	-
								Total				
										38	583	1,222
										38	583	1,222
Owens Coal Mining Co.												
Strip Permit No. 934-36	Jefferson	Up. Freeport	39	-	-	-	-	-	-	-	-	-
Strip Permit No. 934-46	Jefferson	Lo. & Mid. Kitt.	36-24	-	-	-	-	-	-	-	-	-
P & N Coal Co., Inc.												
Strip Permit No. 32-85	Jefferson	Mid. Kittanning	22	-	-	-	-	-	-	-	-	-
										234	753	3,409

District 38A

Operators and Mines	County	Geological Name of Coal Bed	Height of Shaft:	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Slope	Drift		Lamps	Used		Ammonium Nitrate	Dynamite	Other Permissible (Name)
R. E. M. Coal Co., Inc.	Jefferson	Lo. Freeport	47	-	-	-	-	-	-	36,555	-	-
Strip Permit No. 932-11 & 16	Jefferson	Pittsburgh	10	-	-	-	-	-	-	6,000	-	-
Special Project No. 417										42,555	-	-
Shaffer Mining Co.												
Strip Permit No. 1581-1	Jefferson	Lo. Freeport	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 1581-2	Jefferson	Lo. Kittanning	19	-	-	-	-	-	-	-	-	-
Smith Coal Co., A.A.	Jefferson	Mid. Kittanning	16	-	-	-	-	-	-	-	-	-
Strip Permit No. 1272-1	Jefferson	Mid. Kittanning	14	-	-	-	-	-	-	24,100	-	-
Smith Coal Co., Calvin	Jefferson	Mid. Kittanning	14	-	-	-	-	-	-	869,055	44,868	-
Strip Permit No. 1494-1	Jefferson	Up. Clarion&Clarion	26	-	-	-	-	-	-	513,700	29,700	-
Stahlman Coal Co., Inc., W.P.	Jefferson	Up. Clarion&Clarion	26	-	-	-	-	-	-	-	-	-
Strip Permit No. 9-48	Jefferson	Up. Clarion&Clarion	26	-	-	-	-	-	-	-	-	-
Starr Coal Co.	Jefferson	Lo. Freeport	28	-	-	-	-	-	-	-	-	-
Strip Permit No. 368-4	Jefferson	Lo. Freeport	28	-	-	-	-	-	-	-	-	-
Sugar Hill Limestone Co.	Jefferson	Up. Free.&Mid.Kitt.	32	-	-	-	-	-	-	67,783	7,966	-
Strip Permit No. 496-10	Jefferson	Up.Free.&Mid.Kitt.	32	-	-	-	-	-	-	-	-	-
Strip Permit No. 496-11	Jefferson	Up.Free.&Mid.Kitt.	32	-	-	-	-	-	-	-	-	-
Strip Permit No. 496-13	Jefferson	Up.Free.&Mid.Kitt.	32	-	-	-	-	-	-	-	-	-
T. & T. Clay & Coal Co.	Jefferson	U. Kitt.&L. Free.	24-50	-	-	-	-	-	-	29,481	1,038	-
Strip Permit No. 1126-4	Jefferson	U. Kitt.&L. Free.	24-50	-	-	-	-	-	-	-	-	-
Thomas Coal Co., Inc.	Jefferson	Up. Freeport	28	-	-	-	-	-	-	262,300	4,003	-
Strip Permit No. 42-20	Jefferson	Up. Freeport	28	-	-	-	-	-	-	-	-	-
Thomas Fuels, Inc.	Jefferson	Up. Freeport	40	-	-	-	-	-	-	-	-	-
Strip Permit No. 1615-1	Jefferson	Up. Freeport	40	-	-	-	-	-	-	-	-	-
Williams Coal Co.	Jefferson	Up. Freeport	40	-	-	-	-	-	-	-	-	-
Strip Permit No. 1712-1	Jefferson	Up. Freeport	72	-	-	-	-	-	-	-	-	-
District Total										8,021,420	212,800	-

District 39

Operators and Mines	County	Geological Name of Coal Bed	Inches	Depth	Kind of Opening			Number and Type			Pounds of Explosives Used			
					Height of Seam	Shaft	Slope	Drift	Lamps	Used	Other	Permissible	Name	
														Length	Degrees	Drift	Non-gaseous	Open	Safety	Electric	Nitrate	Dynamite
Apollo Corp., The	Indiana	Up. & Lo. Free.	41-29	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Mid. & Lo. Kitt.	24-42	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	42	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Mid. Kittanning	24	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Kittanning	26	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Freeport	36	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Freeport	36	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Freeport	36	-	-	-	-	-	-	-	-	-	-	-
B.B.S. Coal Co.	Indiana	Up. & Lo. Free.	36-18	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. & Lo. Free.	36-18	-	-	-	-	-	-	-	-	-	-	-
	Indiana	M. Kitt. & U. Free.	24	-	-	-	-	-	-	-	-	-	-	-
	Indiana	L.M. Kitt. & L. Free.	24	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Mid. & Lo. Kitt.	21	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. & Mid. Kitt.	22	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. & Mid. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. & Mid. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. & Mid. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. & Mid. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. & Mid. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. & Mid. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. & Mid. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. & Mid. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-
C & C Coal Co.	Indiana	Lo. Kittanning	18	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Kittanning	18	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Kittanning	18	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Kittanning	18	-	-	-	-	-	-	-	-	-	-	-
Doverspike Brothers Coal Co.	Indiana	Lo. Kittanning	40	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Kittanning	40	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Freeport	22	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Freeport	22	-	-	-	-	-	-	-	-	-	-	-
Glen Irvan Corp.	Indiana	Lo. Freeport	31	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Freeport	31	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Freeport	31	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Freeport	31	-	-	-	-	-	-	-	-	-	-	-

District 39

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft:	Slope	Drift:	Lamps Used	:	:	:	Ammonium Nitrate	Dynamite (Name)
Houser, William C.												
Strip Permit No. 1333-2	Indiana	Lo. & Mid. Kitt.	38-20	-	-	-	-	-	-	-	-	-
Lamkie Coal Co.												
Strip Permit No. 107-6	Clearfield	M. U. Kitt. & L. Free.	26	-	-	-	-	-	-	226,000	2,300	-
Strip Permit No. 107-10	Indiana	Mid. Kitt. & Up. Free.	26	-	-	-	-	-	-	404,000	4,000	-
							Total			630,000	6,300	-
M & R Coal Co.												
Strip Permit No. 1720-1	Indiana	Lo. & Mid. Kitt.	36-24	-	-	-	-	-	-	-	-	-
Marion Center Mining Co.												
Strip Permit No. 212-6	Indiana	Lo. Freeport	28	-	-	-	-	-	-	82,500	5,150	-
McIntire Coal Co., Inc., William												
Strip Permit No. 638-6	Indiana	Up. Freeport	22	-	-	-	-	-	-	7,866	127	-
Mears Coal Co.												
Strip Permit No. 3-2	Indiana	Mid. Kittanning	28	-	-	-	-	-	-	-	-	-
Strip Permit No. 3-11	Indiana	Lo. Free & Lo. Kitt.	24	-	-	-	-	-	-	22,800	2,315	1,315
Strip Permit No. 3-14	Indiana	Mid. Kitt. & Lo. Free.	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 3-16	Indiana	Lo. Freeport	26	-	-	-	-	-	-	627,455	5,005	-
Strip Permit No. 3-17	Indiana	Lo. Freeport	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 3-18	Indiana	Mid. Kitt. & Lo. Free.	30	-	-	-	-	-	-	5,318	1,001	-
Strip Permit No. 3-20	Indiana	Mid. Kitt. & Lo. Free.	24	-	-	-	-	-	-	165,320	3,002	-
Auger-BAM-643	Indiana	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-
Auger-BAM-829	Indiana	Lo. Freeport	30	-	-	-	-	-	-	-	-	-
Auger-BAM-847	Indiana	Lo. Freeport	28	-	-	-	-	-	-	-	-	-
Auger-BAM-848	Indiana	Lo. Freeport	30	-	-	-	-	-	-	-	-	-
							Total			820,893	11,323	1,315
North Cambria Fuel Co.												
Strip Permit No. 10-46	Indiana	Mid. Kittanning	69	-	-	-	-	-	-	3,480	58	-
Oak Tree Coal Co.												
Strip Permit No. 1695-162	Indiana	Freeport	12	-	-	-	-	-	-	-	-	-
Strip Permit No. 1695-4	Indiana	Kittanning	36	-	-	-	-	-	-	-	-	-
Old Home Manor, Inc.												
Strip Permit No. 615-30	Indiana	Lo. Clarion	36	-	-	-	-	-	-	9,660	100	217**
Strip Permit No. 615-31	Indiana	Lo. Clarion	33	-	-	-	-	-	-	86,956	900	1,958**
Strip Permit No. 615-32	Indiana	LCN	2	-	-	-	-	-	-	-	-	-
							Total			96,616	1,000	2,175

District 39

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible			
				Shaft	Slope	Drift	Lamps Used							
			Inches	Depth	Length	Degrees	Drift	Non-gaseous	Open	Safety	Electric	Nitrate	Dynamite	(Name)
P & N Coal Co., Inc. Strip Permit No. 32-94	Indiana	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania Mineral Co. Strip Permit No. 653-10&12	Indiana	Mid. & Up. Kitt.	30	-	-	-	-	-	-	-	-	-	-	-
Rayne Mining Co. Strip Permit No. 1682-1	Indiana	Up. Freeport	30	-	-	-	-	-	-	-	-	-	-	-
Red Gap Coal Co. Strip Permit No. 433-9	Indiana	Lo. Freeport	30	-	-	-	-	-	-	-	-	-	-	-
Ruffner Coal Co. Strip Permit No. 1269-1	Indiana	Up. Freeport	32	-	-	-	-	-	-	-	-	-	-	-
Silverd Brothers Coal Co. Strip Permit No. 513-2A	Indiana	Up. Freeport	34	-	-	-	-	-	-	-	-	10,725	144	-
Spruce Hill Coal Co. Strip Permit No. 1394-1	Indiana	Lonaconing	18	-	-	-	-	-	-	-	-	-	-	-
TLH Coal Co. Strip Permit No. 1478-2	Indiana	Lo. Freeport	32	-	-	-	-	-	-	-	-	193,477	58,528	13,633#
Strip Permit No. 1478-3	Indiana	Lo. Freeport	32	-	-	-	-	-	-	-	-	137,877	41,708	9,715#
Auger-BAM-737	Indiana	Lo. Freeport	32	-	-	-	-	-	-	-	-	-	-	-
Yenzi Coal Co. Strip Permit No. 1529-3	Indiana	Up. & Lo. Free.	40	-	-	-	-	-	-	-	-	-	-	-
Total										331,354	100,236	23,348	-	-
District Total										8,691,093	236,255	35,542	-	-

* Slurry
** Cast Primers
B-Mix

District 39A

A & C Coal Co., Inc. Strip Permit No. 1111-6 & 6A	Indiana	Pittsburgh	78	-	-	-	-	-	-	-	-	34,221	221	-
Strip Permit No. 1111-9(A)2-3	Indiana	Pittsburgh	78	-	-	-	-	-	-	-	-	17,110	110	-
Strip Permit No. 1111-11 & 11A	Indiana	Bottom Pittsburgh	28	-	-	-	-	-	-	-	-	51,331	331	-
Total										-	-	-	-	-

District 39A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps Used			Other Permissible		
			Inches	Depth	Length	Degrees	Drift	Non-gaseous	Open	Safety	Nitrate	Dynamite
Ankeny, Donald	Indiana	Up. Freeport	42	-	-	-	-	-	-	-	1,768,160	77,811
Bee Construction Co.	Indiana	Pittsburgh	120									
Beilchick Brothers	Indiana	Lo. Freeport	30	-	-	-	-	-	-	-	23,093	200
Strip Permit No. 95-1	Indiana	Lo. Freeport	40							Total	52,763	600
Strip Permit No. 95-3	Indiana										75,856	800
Bennett Coal Co.	Indiana	Pittsburgh	72	-	-	-	-	-	-	-	10,561	387
Strip Permit No. 924-1,2,4	Indiana	Pittsburgh	77								33,885	1,550
Strip Permit No. 924-3, 5	Indiana										44,446	1,937
												3,725
Bentley Coal Co., Inc.	Indiana	Mid. Kit.&Lo.Freeport	26-38	-	-	-	-	-	-	-	295,000	65,000
Strip Permit No. 936-6	Indiana	Up. Freeport	50							Total	75,000	17,000
Strip Permit No. 1207-4	Indiana										370,000	82,000
Buterbaugh Construction Co.	Indiana	Up. Freeport	28								100,000	30,000
Strip Permit No. 1482-1	Indiana	Up. Freeport	28	-	-	-	-	-	-	-	100,000	30,000
Strip Permit No. 1482-2	Indiana	Up. Freeport	28							Total	200,000	60,000
Auger-BAM-786	Indiana											
G&C Coal Co.	Indiana	Up. Freeport	24								-	-
Strip Permit No. 1197-4	Indiana	Up. Freeport	42								8,980	450
Strip Permit No. 1197-6	Indiana	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Strip Permit No. 1197-7	Indiana	Lo. Freeport	42								-	-
Strip Permit No. 1197-8	Indiana	Up. Freeport	42							Total	8,980	450
Auger-BAM-775	Indiana											
Dunkard Creek Coal, Inc.	Indiana	Lo. Kittanning	36								15,000	200
Strip Permit No. 939-2	Indiana	Lo. Freeport	32	-	-	-	-	-	-	-	26,000	275
Strip Permit No. 939-5	Indiana	Lo. Freeport	32							Total	-	-
Auger-BAM-659	Indiana										41,000	475
Fello, Thomas A.	Indiana	Pittsburgh	48	-	-	-	-	-	-	-	-	-
Strip Permit No. 572-4 & 5	Indiana	Lo. Freeport	26	-	-	-	-	-	-	-	-	-
Foreman, Edward	Indiana	Lo. Freeport										
Special Project No. 405	Indiana											

District 39A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		
					Shaft	Slope	Drift	Lamps	Used			Other	Permissible
					Depth	Length	Degrees	Drift	Nongaseous	Open	Safety	Electric	Nitrate
Freeport Coal Co., Inc.	Indiana	Up. Freeport	46-48	-	-	-	-	-	-	-	-	25,250	-
Strip Permit No. 1553-162													
Glory Coal Co., Inc.	Indiana	Lo. Freeport	42	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1462-1													
Hawk Contracting, Inc.	Indiana	Up. Freeport	60	-	-	-	-	-	-	-	-	800,000	2,500**
Strip Permit No. 1259-5												100,000	1,500
Strip Permit No. 1259-6	Indiana	Up. Freeport	60	-	-	-	-	-	-	-	-	1,320,000	250**
Strip Permit No. 1259-14	Indiana	Up. Freeport	60	-	-	-	-	-	-	-	-	24,000	4,000**
												2,220,000	41,500
Head Coal Co.													6,750
Strip Permit No. 124-9	Indiana	Up. Freeport	72	-	-	-	-	-	-	-	-	169,124	98,769
Homer City Coal Co.	Indiana	Up. Freeport	60	-	-	-	-	-	-	-	-	5,220	-
Strip Permit No. 38-14													
Mac-Mar, Inc.	Indiana	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-
Special Project No. 529													
Marion Center Mining Co.	Indiana	Brookville	36	-	-	-	-	-	-	-	-	24,000	3,885
Strip Permit No. 212-8													
McIntire Coal Co., Inc., William	Indiana	Lo. Freeport	35	-	-	-	-	-	-	-	-	120,000	7,000
Strip Permit No. 638-7	Indiana	Lo. Freeport	35	-	-	-	-	-	-	-	-	-	-
Auger-BAM-820												120,000	7,000
Negley Coal Co.	Indiana	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1467-1 & 2													
North Cambria Fuel Co.	Indiana	Up. Freeport	72	-	-	-	-	-	-	-	-	1,186,725	2,107
Strip Permit No. 10-21A4												539,050	570
Strip Permit No. 10-29	Indiana	Lo. Kittanning	39	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 10-30A	Indiana	Up. Freeport	72	-	-	-	-	-	-	-	-	621,175	2,104
Strip Permit No. 10-35A	Indiana	Up. Freeport	40	-	-	-	-	-	-	-	-	128,125	420
Strip Permit No. 10-40	Indiana	Up. Freeport	51	-	-	-	-	-	-	-	-	37,000	90
Strip Permit No. 10-43	Indiana	Up. Freeport	51	-	-	-	-	-	-	-	-	24,000	-
Strip Permit No. 10-44	Indiana	Up. Freeport	32	-	-	-	-	-	-	-	-	-	-
Auger-BAM-808	Indiana	Up. Freeport	30	-	-	-	-	-	-	-	-	110,000	240
Strip Permit No. 10-39	Indiana	Up. Freeport	30	-	-	-	-	-	-	-	-	2,646,075	5,531
Old Home Manor, Inc.	Indiana	Up. Freeport	42	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 615-1,4,6,10,28												1,913,034	159
Strip Permit No. 615-12	Indiana	Up. Freeport	42	-	-	-	-	-	-	-	-	46,969	310**
Strip Permit No. 615-22	Indiana	Up. Freeport	42	-	-	-	-	-	-	-	-	-	-
Special Project No. 445												1,960,003	159
													9,211

District 39A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Inches:Depth	Length:Degrees	Drift	Number and Type		Pounds of Explosives Used	
				Shaft	Slope				Lamps Used		Ammonium Nitrate	Other Permissible Dynamite (Name)
Pelbro Fuel, Inc. Strip Permit No. 1518-1(c) Strip Permit No. 1518-2 Auger-BAM-843	Indiana Indiana Indiana	Lo. Kittanning Up. Kittanning Lo. Kittanning	44 18 44	- - -	- - -	- - -	- - -	- - -	- - -	- - -	95,900 41,000 -	6,650 2,850 -
									Total		136,900	9,500
Peles Coal Co., Inc. Strip Permit No. 612-5 R & L Development Co. Strip Permit No. 1237-1 & 2 Rochester & Pittsburgh Coal Co. Strip Permit No. 482-10 Refuse Strip Permit No. 482-11	Indiana Indiana Indiana Indiana	Lo. Freeport Pittsburgh - Up. Freeport	40 90 - 45	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	70,000 - - -	2,000 - - -
									Total		1,845,971 1,845,971	73,100 73,100
Sable, James R. Strip Permit No. 1524-1 Shaw Coal Co. Strip Permit No. 1335-1 Refuse Strip Permit No. 1335-2 Smiths Blacktop Paving Co. Special Project No. 304 Weimer, John Strip Permit No. 630-1 West Lebanon Coal, Inc. Strip Permit No. 1376-1 Strip Permit No. 1376-2	Indiana Indiana Indiana Indiana Indiana Indiana Indiana	Lo. Kittanning - Pittsburgh Pittsburgh Pittsburgh Pittsburgh Pittsburgh	32 - 72 96 100 66 66	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -
									Total		321,497	2,000
Woods Coal Co. Strip Permit No. 1113-1 Refuse	Indiana	-	-	-	-	-	-	-	-	-	-	-
									District Total		12,103,813	467,248
												31,986

* B-Mix
** Primers
Slurry

District 40

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		
					: Shaft:	: Slope	: Drift:	: Lamps	: Used	:	: Ammonium Nitrate	: Dynamite	: Other
Ardel Natural Resources (Pa.), Inc.	Somerset	Strip Permit No. 1410-1	40	-	-	-	-	-	-	-	-	-	-
	Somerset	Strip Permit No. 1410-3	36	-	-	-	-	-	-	-	47,700	3,810	150
	B. B. L. Enterprises, Inc.	Strip Permit No. 1143-5	70	-	-	-	-	-	-	-	47,700	3,810	150
	Beener, C. Edward	Strip Permit No. 1211-1	24	-	-	-	-	-	-	-	19,561	-	5,951*
	Somerset	Strip Permit No. 1211-2	34	-	-	-	-	-	-	-	-	-	-
Better Mining, Inc.	Somerset	Strip Permit No. 1220-5	34	-	-	-	-	-	-	-	202,072	9,738	6,275**
	Somerset	Strip Permit No. 1220-7	34	-	-	-	-	-	-	-	202,072	9,738	6,275
	Total										108,000	485	-
Brawal Mining, Inc.	Somerset	Strip Permit No. 1372-1	50	-	-	-	-	-	-	-	21,600	97	-
	Somerset	Strip Permit No. 1372-2	50	-	-	-	-	-	-	-	129,600	582	-
	Total										140,521	3,864	-
Coal Junction Coal Co.	Somerset	Strip Permit No. 45-12	45	-	-	-	-	-	-	-	-	-	-
	Somerset	Strip Permit No. 45-13	60	-	-	-	-	-	-	-	307,955	1,505	1,830#
	Somerset	Strip Permit No. 45-14	24	-	-	-	-	-	-	-	153,977	645	784#
	Somerset	Strip Permit No. 45-16	48	-	-	-	-	-	-	-	-	-	-
	Somerset	Strip Permit No. 45-17	48	-	-	-	-	-	-	-	23,807	100	292#
Croner, Inc.	Somerset	Strip Permit No. 148-16	34	-	-	-	-	-	-	-	485,739	2,250	2,906
	Somerset	Strip Permit No. 148-21	40	-	-	-	-	-	-	-	173,032	722	-
	Total										216,452	869	-
Doraville Enterprises	Somerset	Strip Permit No. 670-2A	48	-	-	-	-	-	-	-	389,484	1,591	-
	Somerset	Strip Permit No. 670-3 & 4	32	-	-	-	-	-	-	-	-	-	-
	Drummond Coal Co.	Strip Permit No. 1635-1	36	-	-	-	-	-	-	-	-	-	-
	Environmental Mining Co., Inc.	Strip Permit No. 1435-1C	38	-	-	-	-	-	-	-	-	-	-
	Total										49,602	1,812	-

District 40

Operators and Mines	County	Geological Name of Coal Bed	Height of Shaft:	Kind of Opening		Inches:Depth:	Degrees:Drift:	Number and Type		Pounds of Explosives Used	
				Slope	Drift:			Lamps Used		Ammonium Nitrate	Other Permissible Dynamite (Name)
Fetterolf Coal Co., Inc., M.F. Strip Permit No. 216-32 Strip Permit No. 216-39 Strip Permit No. 216-48	Somerset	L.M.&U. Kitt. Up. & Lo. Free. Up. Kittanning	42-12-36 38 60	- - -	- - -	- - -	- - -	- - -	- - -	455,791 739,573 204,415	3,448 1,636 14,059
								Total		1,399,779	19,143
G.M. & W. Coal Co. Strip Permit No. 1067-2 Godin & Godan Coal, Inc. Strip Permit No. 976-4 Strip Permit No. 976-6	Somerset	Up. Freeport	58	-	-	-	-	-	-	-	-
	Somerset	Up. Kittanning	60	-	-	-	-	-	-	97,000	410
	Somerset	Lo. Kittanning	60	-	-	-	-	-	-	84,555	441
								Total		181,555	851
Gray Mining Co. Strip Permit No. 1475-1 McClintock, J. Lloyd Strip Permit No. 1117-2 Metco Mining & Minerals, Inc. Strip Permit No. 1312-2 PBS Coals, Inc. Strip Permit No. 222-19 Strip Permit No. 222-20 Strip Permit No. 222-22A Auger-BAM-726	Somerset	L.M.&U. Kitt.	56-12-36	-	-	-	-	-	-	316,375	6,562
	Somerset	Up. & Lo. Free.	24	-	-	-	-	-	-	20,000	1,000
	Somerset	Bakerstown	20	-	-	-	-	-	-	70,000	1,400
	Somerset	U., L. Free. & U. Kitt. 30-32-42								879,129	146,704
	Somerset	Up. Kittanning	52	-	-	-	-	-	-	719,288	120,030
	Somerset	Lo. & Up. Kitt.	40-18	-	-	-	-	-	-	1,163,131	272,374
	Somerset	Up. Kittanning	52	-	-	-	-	-	-	-	-
								Total		2,761,548	539,108
Penn-Somerset Corp. Strip Permit No. 906-7A2 Strip Permit No. 906-10 Auger-BAM-756, 769, 782, 793, 799, 830, 849 RAM Construction Co. Strip Permit No. 1212-2 Solar Fuel Co., Div. of Gulf & Western Industries, Inc. Strip Permit No. 1048-5 Star Coal Co. Strip Permit No. 554-3 Star Minerals Co. Strip Permit No. 884-1	Somerset	Up. Kittanning	36	-	-	-	-	-	-	70,000	1,375
	Somerset	Up. Kittanning	36	-	-	-	-	-	-	114,000	4,200
	Somerset	Up. Freeport	36	-	-	-	-	-	-	-	-
	Somerset	Up. Kittanning	40	-	-	-	-	-	-	184,000	5,575
								Total		18,575	2,400
	Somerset	Up. Kittanning	48	-	-	-	-	-	-	-	-
	Somerset	Up. Kittanning	45	-	-	-	-	-	-	-	-
	Somerset	Up. Freeport	42	-	-	-	-	-	-	-	-

District 40

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used			
				Shaft	Slope	Drift	Lamps	Used	Other	Permissible	Dynamite	(Name)	
			Inches	Depth	Length	Degrees	Drift	Non-gaseous	Open	Safety	Electric	Ammonium Nitrate	
Sonavec, Inc.	Somerset	Up. Freeport	30									110,000	1,000
	Strip Permit No. 553-9A2&9A3	Somerset	Up. Freeport	36								286,000	2,600
	Strip Permit No. 553-10	Somerset	Up. Freeport	36								264,000	2,400
	Strip Permit No. 553-12	Somerset	Up. Freeport	47								241,500	2,175
	Strip Permit No. 553-14	Somerset	Up. Freeport	30								242,000	2,200
	Strip Permit No. 553-15	Somerset	Up. Freeport	59								176,000	1,600
	Strip Permit No. 553-16	Somerset	Up. Freeport	48								45,610	415
									Total			1,365,110	12,390
Yellow Run Coal Co.													
Strip Permit No. 1646-1	Somerset	Up. & Lo. Free.	24-21										7,133
												8,114,155	628,364
													15,182

* Trovex
 ** Prestex (A)
 # Primers

District 40A

American Mining Company														
Strip Permit No. 1464-1	Somerset	Up. Freeport	27										22,725	504
Ardel Natural Resources (Pa.), Inc.														
Strip Permit No. 1410-4	Somerset	Up. Freeport	26											
Bittner Coal Co.														
Strip Permit No. 1249-1	Somerset	Little Pittsburgh	24											
Black Diamond Coal Co.														
Strip Permit No. 825-4A	Somerset	Lo. Kittanning	26											
Blue Lick Coal Co., Inc.														
Strip Permit No. 1657-1	Somerset	Pgh. & Morantown	80-24										212,029	3,625
Strip Permit No. 1657-2	Somerset	Pittsburgh	70										187,680	6,710
													399,709	10,335
Brant Mining Co., C.														
Strip Permit No. 610-2	Somerset	Mid. Kittanning	28										1,500	100

District 40A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches:Depth	Kind of Opening			Number and Type			Pounds of Explosives Used		
					:Shaft:	:Slope	:Drift:	:Lamps	:Used	:	:Nitrate	:Ammonium	:Other
<u>Burnham Coal Co.</u>													
Strip Permit No. 1279-1	Somerset	Lo. Kittanning	32	-	-	-	-	-	-	-	7,678	384	-
Strip Permit No. 1279-2	Somerset	Lo. Kittanning	32	-	-	-	-	-	-	-	26,940	1,347	-
Strip Permit No. 1279-3	Somerset	Lo. Kittanning	32	-	-	-	-	-	-	-	24,749	1,237	-
Strip Permit No. 1279-5	Somerset	Lo. Kittanning	32	-	-	-	-	-	-	-	3,509	175	-
Strip Permit No. 1279-6	Somerset	Lo. Kittanning	32	-	-	-	-	-	-	-	76,374	3,818	-
								Total			139,250	6,961	-
<u>G&O Coal Co.</u>													
Strip Permit No. 1084-2	Somerset	Brushcreek	24	-	-	-	-	-	-	-	1,475	4,000	-
Strip Permit No. 1084-3	Somerset	Up. Freeport	28	-	-	-	-	-	-	-	37,000	11,050	-
								Total			38,475	15,050	-
<u>Cardinal Mining Co., The</u>													
Strip Permit No. 618-3C	Somerset	Lo. Freeport	24-32	-	-	-	-	-	-	-	265,000	-	-
<u>Croner, Inc.</u>													
Strip Permit No. 148-2	Somerset	Pittsburgh	42	-	-	-	-	-	-	-	72,232	300	-
Strip Permit No. 148-9	Somerset	Sewickley	44	-	-	-	-	-	-	-	46,195	193	-
Strip Permit No. 148-18	Somerset	Up. Freeport	36	-	-	-	-	-	-	-	178,566	745	-
Strip Permit No. 148-22	Somerset	Pittsburgh	40	-	-	-	-	-	-	-	208,918	871	-
Strip Permit No. 148-24	Somerset	Redstone	48	-	-	-	-	-	-	-	206,310	860	-
Strip Permit No. 148-25	Somerset	Up. Kittanning	33	-	-	-	-	-	-	-	9,695	40	-
								Total			721,916	3,009	-
<u>Decker Construction Co.</u>													
Strip Permit No. 2-4	Somerset	Up. Kittanning	28	-	-	-	-	-	-	-	211,620	20,681	-
Strip Permit No. 2-6	Somerset	Lo. Freeport	28	-	-	-	-	-	-	-	16,409	1,377	-
								Total			228,029	22,058	-
<u>Delta Mining, Inc.</u>													
Strip Permit No. 1200-3	Somerset	Up. Freeport	32	-	-	-	-	-	-	-	-	-	-
<u>East Ridge Mining Co.</u>													
Strip Permit No. 720-4	Somerset	Wellersburg	36	-	-	-	-	-	-	-	16,000	100	-
Strip Permit No. 720-5	Somerset	Bluelick	15	-	-	-	-	-	-	-	8,000	50	-
Auger-BAM-840	Somerset	Wellersburg	36	-	-	-	-	-	-	-	-	-	-
								Total			24,000	150	-
<u>Fetterolf Coal Co., Inc., M.F.</u>													
Strip Permit No. 216-29	Somerset	Lo. Freeport	28	-	-	-	-	-	-	-	298,630	1,365	-
Strip Permit No. 216-31	Somerset	L. M. & U. Kitt. 40-22-30	40-22-30	-	-	-	-	-	-	-	488,344	11,622	-
Strip Permit No. 216-33	Somerset	L. & U. Freeport	20-26	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 216-46	Somerset	Lo. Freeport	28	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 216-46	Somerset	Sewickley	18	-	-	-	-	-	-	-	786,974	12,987	-
								Total			-	-	-

District 40A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Inches	Depth	Length	Degrees	Drift	Number and Type			Pounds of Explosives Used	Other
				Shaft	Slope	Drift						Lamps	Used			
Fintel, Stanley W.	Somerset	Up. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-	27,850	650
Strip Permit No. 1754-1		Redstone	60	-	-	-	-	-	-	-	-	-	-	-	-	-
Fogle, Roland D.	Somerset	Mercer	96	-	-	-	-	-	-	-	-	-	-	-	35,700	2,318
Special Project No. 535		Up. Kittanning	40	-	-	-	-	-	-	-	-	-	-	-	-	-
General Refractories Co.	Somerset	Brushcreek	24	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 560-1A & 3		Lo. Bakerstown	30	-	-	-	-	-	-	-	-	-	-	-	-	-
Glessner Mines	Somerset	Up. Freeport	30	-	-	-	-	-	-	-	-	-	-	-	15,231	10,791
Strip Permit No. 1612-1		Lo. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Glessner Mines, R.H.	Somerset	Bakerstown	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 221-10		Mercer & Quakertown	36	-	-	-	-	-	-	-	-	-	-	-	19,225	1,114
Hay Mining, Robert F.	Somerset	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	19,225	1,114
Strip Permit No. 1726-1		Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-
King Coal Co.	Somerset	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1566-3		Up. Freeport	42	-	-	-	-	-	-	-	-	-	-	-	858,100	5,536
Miller, Harold E.	Somerset	Redstone	60	-	-	-	-	-	-	-	-	-	-	-	242,000	1,561
Strip Permit No. 1527-1		Up. Freeport	42	-	-	-	-	-	-	-	-	-	-	-	-	-
Onyx Mining, Inc.	Somerset	Up. Freeport	42	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1662-1		Sewickley	60	-	-	-	-	-	-	-	-	-	-	-	73,300	473
Strip Permit No. 1662-2 & 3		Up. Freeport	42	-	-	-	-	-	-	-	-	-	-	-	656,000	4,232
Penn Pochontas Coal Co.	Somerset	Brookville	60	-	-	-	-	-	-	-	-	-	-	-	1,099,300	7,092
Strip Permit No. 651-1		Brookville	42	-	-	-	-	-	-	-	-	-	-	-	2,928,700	18,894
Strip Permit No. 651-3		Morantown	40	-	-	-	-	-	-	-	-	-	-	-	50,000	1,000
Strip Permit No. 651-5		Pgh., & Redstone	16	-	-	-	-	-	-	-	-	-	-	-	400,000	4,000
Strip Permit No. 651-6		Sewickley	22	-	-	-	-	-	-	-	-	-	-	-	150,000	2,000
Strip Permit No. 651-8		Bakerstown & Sew. 28-18	40	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 651-10		Bakerstown	40	-	-	-	-	-	-	-	-	-	-	-	150,000	2,000
Strip Permit No. 651-11		Pgh., & Redstone	40	-	-	-	-	-	-	-	-	-	-	-	520,000	3,700
S & S Coal Co.																
Strip Permit No. 534-6 & 7																
Sanner Coal Co., Div. of																
River Hill Coal Co., Inc.																
Strip Permit No. 308-9																
Strip Permit No. 308-10																
Strip Permit No. 308-11 & 12																
Strip Permit No. 308-13																
Strip Permit No. 308-14																

District 40A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps	Used		Ammonium Nitrate	Dynamite	Other Permissible (Name)
Inches:Depth	Length	Degrees:Drift	Nongaseous:Open	Safety	Elec	Flame						
<hr/>												
Sanner Coal Co., Div. of River Hill Coal Co., Inc. (continued)												
Strip Permit No. 308-15	Somerset	Pgh. & Redstone	40	-	-	-	-	-	-	160,000	800	-
Strip Permit No. 308-16	Somerset	Pgh. & Redstone	40	-	-	-	-	-	-	250,000	3,000	-
Strip Permit No. 308-18	Somerset	Pgh. & Redstone	40	-	-	-	-	-	-	100,000	1,000	-
Strip Permit No. 308-19	Somerset	Pgh. & Redstone	40	-	-	-	-	-	-	160,000	800	-
Strip Permit No. 308-23	Somerset	Franklin	44	-	-	-	-	-	-	-	-	-
Strip Permit No. 308-25	Somerset	Pgh. & Redstone	40	-	-	-	-	-	-	140,000	300	-
									Total	2,030,000	17,600	-
<hr/>												
Sanner Brothers Coal Co.												
Strip Permit No. 308-20	Somerset	Lo. & Up. Free.	12-41	-	-	-	-	-	-	-	-	-
<hr/>												
Scurfield Coal, Inc.												
Strip Permit No. 256-11	Somerset	Brushcreek	28	-	-	-	-	-	-	-	-	-
Strip Permit No. 256-12	Somerset	Brookville	36	-	-	-	-	-	-	-	-	-
Shafer Coal Co., Walter F.												
Strip Permit No. 776-2	Somerset	Up. Freeport	28	-	-	-	-	-	-	-	-	-
Slifco Brothers Coal Co.												
Strip Permit No. 257-1	Somerset	Mid. Kittanning	32	-	-	-	-	-	-	-	-	-
Soberdash Coal & Coke Co.												
Strip Permit No. 111-46 & 54	Somerset	Brookville	42	-	-	-	-	-	-	50,000	1,000	-
Star Coal Co.												
Strip Permit No. 554-1	Somerset	Lo. Kittanning	55	-	-	-	-	-	-	-	-	-
Strip Permit No. 554-2	Somerset	Up. Bakerstown	22	-	-	-	-	-	-	-	-	-
Summit Coal Co.												
Strip Permit No. 190-1(CA3)	Somerset	Pittsburgh	108	-	-	-	-	-	-	-	-	-
Strip Permit No. 1724-1	Somerset	Lo. Clarysville	48	-	-	-	-	-	-	-	-	-
Special Project No. 425	Somerset	Pittsburgh	108	-	-	-	-	-	-	-	-	-
Special Project No. 461	Somerset	Pittsburgh	108	-	-	-	-	-	-	-	-	-
Special Project No. 486	Somerset	Pittsburgh	108	-	-	-	-	-	-	-	-	-
Sun Coal Co.												
Strip Permit No. 1441-1, 2 & 4	Somerset	Lo. Bakerstown & Lonaconing	28	-	-	-	-	-	-	-	245,177	-
Three S Coal Co.												
Strip Permit No. 824-4	Somerset	Wellersburg	36	-	-	-	-	-	-	-	-	-
Walker, Robert H.												
Strip Permit No. 1474-1	Somerset	Mid. Kittanning	30	-	-	-	-	-	-	24,380	-	3,966*
District Total										7,808,664	369,698	3,966

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Tablelet 41

County	Operator's and Mines	Name of Coal Bed	Height of Seam	Length, Between Drifts	Kind of Opening		Number and Type		Pounds of Explosives Used
					Shaft	Slope	Lamps Used	Other	

District 41

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible Dynamite (Name)	
				Shaft	Slope	Drift	Lamps Used	Flame	Electric			
			Inches	Depth	Degrees	Drift	Non-gaseous	Open	Safety	tritic	Nitrate	
PBS Coals, Inc.	Somerset	Lo. & Up. Free.	30-24	-	-	-	-	-	-	-	1,280,700	163,557
	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	130,475	38,576
	Somerset	Up. Kittanning	48	-	-	-	-	-	-	-	1,280,700	252,577
	Somerset	Mid. Kittanning	18-24	-	-	-	-	-	-	-	106,094	26,632
										Total	2,797,969	481,342
Penn Somerset Corp.	Somerset	Bakerstown	18	-	-	-	-	-	-	-	-	-
	Somerset	Up. Kittanning	40	-	-	-	-	-	-	-	18,575	2,400
	Somerset	Lo. Kittanning	50	-	-	-	-	-	-	-	6,100	-
	Somerset	Up. & Lo. Free. &	30-33-44	-	-	-	-	-	-	-	200,100	908
	Somerset	Up. Kittanning	30-33	-	-	-	-	-	-	-	175,000	700
									Total	375,100	1,608	
Shade Mining Co.	Somerset	Lo. Kittanning	48	-	-	-	-	-	-	-	-	-
	Somerset	Up. Kitt. & Lo. Free.	32-28	-	-	-	-	-	-	-	85,480	1,083
	Somerset	Lo. Free. & Up. Kitt.	30-36	-	-	-	-	-	-	-	542,211	17,139
	Somerset	Lo. & Up. Kitt.	66-32	-	-	-	-	-	-	-	162,935	4,138
	Somerset	Up. Kittanning	32	-	-	-	-	-	-	-	790,626	22,360
									Total	790,626	22,360	
Shaffer, Myron	Somerset	Lo. Freeport	26	-	-	-	-	-	-	-	-	-
	Somerset	Up. Freeport	26	-	-	-	-	-	-	-	-	-
	Somerset	Up. Freeport	30	-	-	-	-	-	-	-	429,775	3,560
	Somerset	Up. Freeport	72	-	-	-	-	-	-	-	45,100	1,100
	Somerset	Up. Freeport	72	-	-	-	-	-	-	-	7,300	150
									Total	482,175	4,660	
W. Coal Co.	Somerset	Up. Freeport	36	-	-	-	-	-	-	-	-	-
	Somerset	Up. Freeport	46	-	-	-	-	-	-	-	209,487	14,260
	Somerset	Up. & Lo. Kitt.	56	-	-	-	-	-	-	-	209,487	14,260
										Total	209,487	14,260
												-

District 42

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used				
				Inches	Depth	Length	Degrees	Drift	Slope	Shaft	Lamps Used	Other		
													Permissible	Ammonium Nitrate	Dynamite (Name)
Bentley Coal Co., Inc.														
Strip Permit No. 938-2 & 4 Refuse	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-
Best Resources														
Strip Permit No. 1628-2	Cambria	Lo. Freeport	48	-	-	-	-	-	-	-	-	8,825	1,075	-
Cambria Coal Co.														
Strip Permit No. 1206-1	Cambria	U.&L.Free.&B'ville	32	-	-	-	-	-	-	-	-	35,418	938	-
Strip Permit No. 1206-4	Cambria	U.&L.Free.&B'ville	36	-	-	-	-	-	-	-	-	1,859,724	50,424	-
Strip Permit No. 1206-6	Cambria	U.&L.Free.&B'ville	26	-	-	-	-	-	-	-	-	558,768	20,322	-
Strip Permit No. 1206-10	Cambria	U.&L.Free.&B'ville	30	-	-	-	-	-	-	-	-	1,107,240	23,430	-
Strip Permit No. 1206-12	Cambria	U.&L.Free.&B'ville	28	-	-	-	-	-	-	-	-	557,916	11,442	-
Strip Permit No. 1206-18	Cambria	Up. & Lo. Free.	26	-	-	-	-	-	-	-	-	99,703	2,575	-
Strip Permit No. 1206-21	Cambria	Up. & Lo. Free.	27	-	-	-	-	-	-	-	-	152,866	3,551	-
Auger-BAM-773	Cambria	Up. & Lo. Free.	26	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM-803	Cambria	Up. & Lo. Free.	26	-	-	-	-	-	-	-	-	-	-	-
Cambria Mills Coal Co., Inc.														
Strip Permit No. 548-7	Cambria	Up. Freeport	30	-	-	-	-	-	-	-	-	6,508	215	-
Strip Permit No. 548-9	Cambria	Up. Freeport	30	-	-	-	-	-	-	-	-	99,818	3,308	-
Coal Utilities Corp.														
Strip Permit No. 1120-4	Cambria	Up. Freeport	37	-	-	-	-	-	-	-	-	-	-	-
Special Project No. 387	Cambria	Up. Freeport	39	-	-	-	-	-	-	-	-	-	-	-
Cooney Brothers Coal Co.														
Strip Permit No. 238-1	Cambria	Up. Freeport	42	-	-	-	-	-	-	-	-	200,000	500	-
Strip Permit No. 238-2	Cambria	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 238-3	Cambria	Brookville	36	-	-	-	-	-	-	-	-	1,400,000	3,000	-
Strip Permit No. 238-10	Cambria	Lo. Kittanning	41	-	-	-	-	-	-	-	-	160,000	450	-
Strip Permit No. 238-14	Cambria	Up. Freeport	48	-	-	-	-	-	-	-	-	240,000	600	-
Strip Permit No. 238-15	Cambria	Brookville	30	-	-	-	-	-	-	-	-	340,000	600	-
Strip Permit No. 238-16	Cambria	Lo. Kittanning	40	-	-	-	-	-	-	-	-	200,000	500	-
Strip Permit No. 238-17	Cambria	Brookville	30	-	-	-	-	-	-	-	-	400,000	1,500	-
Strip Permit No. 238-18	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	-	300,000	600	-
Strip Permit No. 238-19	Cambria	Brookville	28	-	-	-	-	-	-	-	-	240,000	500	-
Strip Permit No. 238-20	Cambria	Brookville	28	-	-	-	-	-	-	-	-	300,000	700	-
Total														
3,780,000 8,950														

District 42

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used		
				:Shaft:	:Slope:	:Drift:	:Lamps Used:	:Other:	:Permis-:	:Dynamite:	:Ammonium Nitrate:	:sible (Name):
Inches:	Depth:	Length:	Degrees:	Drift:	Nongaseous:	Open:	Safety:	Electric:	Flame:	Elec-:	Ammonium Nitrate:	Dynamite:
Total												
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District 42

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used				
				: Shaft:	: Slope	: Drift:	: Lamps	: Used	: Permissible	: Other				
			Inches	: Depth:	: Length:	: Degrees:	: Drift:	: Nongaseous:	: Open:	: Safety:	: Electric:	: Ammonium Nitrate	: Dynamite	: (Name)
Pennsylvania Energy Corp. Strip Permit No. 921-2 Strip Permit No. 921-3	Cambria	Up. Freeport	42	-	-	-	-	-	-	-	-	331,372	5,862	-
	Cambria	Up. Freeport	42	-	-	-	-	-	-	-	-	497,058	8,793	-
												828,430	14,655	-
Ridge Mining Co. Strip Permit No. 654-1	Cambria	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-
Starford Coal Corp. Strip Permit No. 614-4, 6 & 7	Cambria	Lo. Freeport	39	-	-	-	-	-	-	-	-	-	-	-
Swistock, George Strip Permit No. 1638-3	Cambria	Up. Freeport	23	-	-	-	-	-	-	-	-	46,000	20,000	-
Universal Minerals, Inc. Strip Permit No. 1116-1, 364Refuse	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-
Vulcan Coal & Coke, Inc. Strip Permit No. 1690-1Refuse	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-
Weakland Brothers Strip Permit No. 219-8A	Cambria	Up. Kittanning	40	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 219-9	Cambria	Up. Kittanning	41	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 219-9A	Cambria	Up. Kittanning	40	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 219-9A2	Cambria	Lo. Freeport	36	-	-	-	-	-	-	-	-	-	-	-
Wesott, Inc. Strip Permit No. 1465-2	Cambria	Up. & Lo. Free.	36-42	-	-	-	-	-	-	-	-	95,000	16,000	-
Special Project No. 349	Cambria	Lo. Freeport	42	-	-	-	-	-	-	-	-	45,000	950	-
												140,000	16,950	-
												Total		-
Yellow Run Energy Co. Strip Permit No. 1201-3	Cambria	Up. Freeport	42	-	-	-	-	-	-	-	-	-	-	-
												District Total	11,486,934	214,150

District 43

Operators and Mines	County	Geological Name of Coal Bed	Height of Shaft:	Kind of Opening		Inches:Depth:	Length:	Degrees:Drift:	Number and Type		Pounds of Explosives Used	Other Permissible (Name)
				Slope	Drift:				Lamps Used			
Anderson Creek Coal & Clay Co. Strip Permit No. 547-1	Clearfield	Lo. Freeport	36	-	-	-	-	-	-	-	-	-
	Clearfield	Lo. & Mid. Kitt. Clarion	48-36	-	-	-	-	-	-	-	-	-
Arcadia Co., Inc., The Strip Permit No. 164-23 & 24	Clearfield	Lo. Freeport & Up. & M. Kitt.	28	-	-	-	-	-	-	-	457,042	38,031
Benjamin Coal Co. Strip Permit No. 64-96	Clearfield	M. Kitt. & Lo. Free.	27	-	-	-	-	-	-	-	333,800	3,300
Strip Permit No. 64-106	Clearfield	Up. Freeport	21	-	-	-	-	-	-	-	166,900	1,600
Strip Permit No. 64-111	Clearfield	Lo. & Up. Free. Rider	24	-	-	-	-	-	-	-	3,672,200	34,700
Strip Permit No. 64-115	Clearfield	Lo. & Up. Free.	22	-	-	-	-	-	-	-	-	-
Strip Permit No. 64-118	Clearfield	Mid. & Up. Kitt.	22	-	-	-	-	-	-	-	334,000	3,000
Strip Permit No. 64-119	Clearfield	Up. Kitt. & Lo. Free.	26	-	-	-	-	-	-	-	167,000	1,600
Strip Permit No. 64-120	Clearfield	Mid. Kittanning	24	-	-	-	-	-	-	-	166,000	1,600
Strip Permit No. 64-121	Clearfield	Lo. & Up. Free.	24	-	-	-	-	-	-	-	167,000	1,600
Strip Permit No. 62-124	Clearfield	Up. Kittanning	20	-	-	-	-	-	-	-	167,000	1,600
Strip Permit No. 64-168	Clearfield	Lo. & Up. Free.	30	-	-	-	-	-	-	-	335,000	3,400
									Total		5,508,900	52,400
Best Resources, Inc. Strip Permit No. 1628-1	Clearfield	Up. Freeport	28	-	-	-	-	-	-	-	-	-
Cambria Coal Co. Strip Permit No. 1206-5	Cambria	Up. & Lo. Free.	25	-	-	-	-	-	-	-	510,215	13,442
Strip Permit No. 1206-8	Cambria	Up. & Lo. Free.	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1206-9	Clearfield	Up. & Lo. Free.	27	-	-	-	-	-	-	-	1,187,808	30,590
Strip Permit No. 1206-14	Clearfield	Up. & Lo. Free.	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1206-15	Clearfield	Up. & Lo. Free.	26	-	-	-	-	-	-	-	757,008	16,302
Strip Permit No. 1206-28	Clearfield	Up. & Lo. Free.	26	-	-	-	-	-	-	-	82,583	2,128
									Total		2,537,614	62,462
Cambria Mills Coal Co., Inc. Strip Permit No. 548-3 & 3A Strip Permit No. 548-8	Clearfield	Lo. & Up. Free.	30	-	-	-	-	-	-	-	38,284	1,264
	Clearfield	Lo. & Up. Free.	30	-	-	-	-	-	-	-	1,294,025	42,913
									Total		1,332,309	44,177
Doverspike Brothers Coal Co. Strip Permit No. 567-45	Clearfield	Lo. Freeport	24	-	-	-	-	-	-	-	18,300	1,650
Elliot Coal Mining Co., Inc. Strip Permit No. 59-26	Clearfield	Mid. Freeport	24	-	-	-	-	-	-	-	169,511	3,224
Strip Permit No. 59-27	Clearfield	Lo. Freeport	22	-	-	-	-	-	-	-	31,200	424
									Total		200,711	3,648

District 43

Operators and Mines Empire Coal Co., Inc.	County	Geological Name of Coal Bed	Inches Seam	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permis- sible
					Shaft:	Slope	Drift:	Lamps Used	:	:		
Strip Permit No. 69-38	Clearfield	M. Kitt & L. & U. Free.	26								799,250	7,000
Strip Permit No. 69-42	Clearfield	Brookville, L. Kitt.	28								2,270,000	23,000
Strip Permit No. 69-44	Clearfield	Lo. Kittanning	34								127,750	1,000
										Total	3,197,000	31,000
Flango Brothers Coal, Inc.	Clearfield	Lo. & Up. Free.	18								151,720	4,950
Strip Permit No. 161-10	Clearfield	Lo. & Up. Free.	24								114,850	5,125
Strip Permit No. 161-15	Clearfield	Mid. Kittanning	23								16,400	410
Strip Permit No. 161-16	Clearfield									Total	282,970	10,485
G & R Stone & Coal Co.	Clearfield	Lo. Freeport	24								-	-
Strip Permit No. 1322-1											-	-
Gibson Excavating Co.	Clearfield	Up. Kittanning	18-20								-	-
Strip Permit No. 1426-1		Lo. & Up. Free.	18-32								-	-
H & T Coal Co.	Clearfield	Lo. Freeport	24								102,755	5,313
Strip Permit No. 1513-1											-	-
Hamlin Coal Co., Inc.	Clearfield	Lo. Free & M. Kitt.	28								412,250	6,140
Strip Permit No. 536-4	Clearfield	Up. & Lo. Free.	29								-	-
Strip Permit No. 536-8	Clearfield	Lo. Freeport	24								-	-
Auger-BAM-696										Total	412,250	6,140
Hartman Contracting, Inc., W.G.	Clearfield	Up. & Lo. Kitt.	18								250,000	14,500
Strip Permit No. 1194-6											-	-
Hepburna Coal Co.	Clearfield	Up. & Lo. Free.	26								191,100	5,250
Strip Permit No. 14-43 & 43A	Clearfield	Up. & Lo. Free.	24								315,205	10,487
Strip Permit No. 14-51	Clearfield	Up. & Lo. Free.	26								692,200	15,700
Strip Permit No. 14-52	Clearfield	Up. & Lo. Free.	24								77,935	3,500
Strip Permit No. 14-53	Clearfield	Up. & Lo. Free.	24								315,205	10,488
Strip Permit No. 14-54-54A	Clearfield	Up. & Lo. Free.	24								238,350	7,850
Strip Permit No. 14-58	Clearfield	Up. & Lo. Free.	32								10,150	750
Strip Permit No. 14-59	Clearfield	Up. & Lo. Free.	24							Total	1,840,145	54,025
Iraca Coal Co., Joe G.	Clearfield	"F" & Up. Free.	46-23								37,350	2,900
Strip Permit No. 1675-2											-	-
Kann Coal Co. Inc.	Clearfield	Up. & Lo. Free.	30-31								3,719,248	177,803
Strip Permit No. 621-4 & 6		Up. Kittanning	24								-	-

District 43

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used	Other Permissible Dynamite (Name)	
				Shaft :	Slope :	Drift :	Lamps Used :	Gaseous or : Flame :	Open : Safety :			Nitrate :
Kasubick Brothers Coal Co. Strip Permit No. 185-3 Kitko, Francis B. Strip Permit No. 562-1 Kristianson & Johnson Coal Co. Strip Permit No. 56-8 Strip Permit No. 56-19 Strip Permit No. 56-25 Strip Permit No. 56-31 Strip Permit No. 56-41 Strip Permit No. 56-44 Langsberry Coal & Excavating Co. Strip Permit No. 543-4 & 5 Mears Coal Co. Strip Permit No. 3-12 Auger-BAM-644	Clearfield Clearfield Cambria Cambria Cambria Clearfield Cambria Cambria Clearfield Clearfield Clearfield	Lo. Kittanning Lo. Freeport Lo. & Mid. Kitt. Lo. & Up. Free. Lo. & Mid. Kitt. Lo. & Up. Free. Lo. & Up. Free. Mid. Kitt. & Lo. & Up. Free. Lo. & Mid. Kitt. Lo. & Up. Free. Lo. & Mid. Kitt. Lo. & Up. Free. Lo. & Up. Free.	20 52 36 36 36 36 36 36 36 36 36 36 24 30 30	- - - - - - - - - - - - - - -	- - - - - - - - - - - - - - -	- - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - -		
P & N Coal Co., Inc. Strip Permit No. 32-66, 76, 79, 87 Strip Permit No. 32-78, 86 & 89 Strip Permit No. 32-81	Clearfield Clearfield Clearfield Clearfield	Up. & Lo. Free. Up. Kittanning Lo. & Mid. Kitt. Lo. Freeport Lo. & Up. Free.	32-30 24 18-26 30 30-24	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	969,912 3,112 360,813 1,330,725	10,385 505 16,761 27,146	
Peles Coal Co., Inc. Strip Permit No. 612-4 Pike Coal Co. Strip Permit No. 430-30 Power Contracting Co., Inc. Strip Permit No. 1078-6 Strip Permit No. 1078-11 Ruffner Coal Co. Strip Permit No. 1663-1	Clearfield Clearfield Clearfield Clearfield Clearfield Clearfield Clearfield	Lo. Freeport Up. Freeport Up. Freeport Up. Freeport Up. Freeport Lo. Kittanning	32 24 24 24 36 27	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	1,000 438,950 85,000 60,410 145,410 2,200	100 3,368 500 345 845 500	
Total												

District 44

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used							
				:Shaft:	:Slope	:Drift:	:Lamps Used	: :	: :	:Other							
			Inches:	Depth:	Length:	Degrees:	Drift:	Nongaseous:	Open:	Safety:	Electric:	Flame:	Elec-:	Ammonium	Nitrate	Dynamite	(Name)
Bradford Coal Co., Inc.																	
Strip Permit No. 61-26 & 28	Clearfield	U.M. & L. Kitt.	15-40	-	-	-	-	-	-	-	-	-	-	63,110	95,600	15,000*	
Brown Co., Earl M.																	
Strip Permit No. 104-20A	Clearfield	Lo. & Mid. Kitt.	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 104-22A2	Clearfield	Mid. & Up. Kitt.	30	-	-	-	-	-	-	-	-	-	-	137,654	4,534	-	-
Strip Permit No. 104-23A3	Clearfield	Lo. & Mid. Kitt.	30	-	-	-	-	-	-	-	-	-	-	386,266	2,820	-	-
Strip Permit No. 104-25A4	Clearfield	Mid. Kittanning	28	-	-	-	-	-	-	-	-	-	-	556,062	4,699	-	-
Strip Permit No. 104-27	Clearfield	Mid. Kittanning	28	-	-	-	-	-	-	-	-	-	-	151,950	1,610	-	-
Strip Permit No. 104-28A2	Clearfield	Mid. & Up. Kitt.	20	-	-	-	-	-	-	-	-	-	-	105,494	1,755	-	-
Strip Permit No. 104-31	Clearfield	Lo. Kittanning	50	-	-	-	-	-	-	-	-	-	-	45,518	847	-	-
Total											1,382,944	16,265	-				
Bull Run Coal Co.																	
Strip Permit No. 1164-4	Clearfield	Lo. Kittanning	22	-	-	-	-	-	-	-	-	-	-	206,700	12,126	-	-
Strip Permit No. 1164-5	Clearfield	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total											206,700	12,126	-				
Centre Fuel & Mineral																	
Strip Permit No. 983-1	Clearfield	Clarion	11	-	-	-	-	-	-	-	-	-	-	800	50	-	-
Coal Hill Contracting Co., Inc.																	
Strip Permit No. 1470-1	Clearfield	Lo. Kittanning	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1470-2	Clearfield	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-	236,675	9,749	-	-
Total											236,675	9,749	-				
Curtin Coal Co., Inc.																	
Strip Permit No. 1616-1	Clearfield	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	-	221,000	4,550	-	-
Edgren Coal Co.																	
Strip Permit No. 1489-1	Clearfield	Lo. Kittanning	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Elliot Coal Mining Co., Inc.																	
Strip Permit No. 59-5	Clearfield	Mid. Kittanning	24	-	-	-	-	-	-	-	-	-	-	28,355	112	-	-
Strip Permit No. 59-19	Clearfield	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	-	440,092	3,087	-	-
Strip Permit No. 59-22	Clearfield	Mid. & Up. Kitt.	36	-	-	-	-	-	-	-	-	-	-	800,019	4,513	-	-
Strip Permit No. 59-28	Clearfield	Up. Kittanning	24	-	-	-	-	-	-	-	-	-	-	36,700	231	-	-
Strip Permit No. 59-29	Clearfield	Up. Kittanning	24	-	-	-	-	-	-	-	-	-	-	341,730	1,842	-	-
Strip Permit No. 59-30	Clearfield	Up. Freeport	24	-	-	-	-	-	-	-	-	-	-	42,165	155	-	-
Strip Permit No. 59-33	Clearfield	Lo. Kittanning	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total											1,689,061	9,940	-				
Fahr Coal Co.																	
Strip Permit No. 1352-1	Clearfield	Mid. Kittanning	28	-	-	-	-	-	-	-	-	-	-	53,650	1,250	-	-
Fleck Construction Co., G.C.																	
Strip Permit No. 1677-1	Clearfield	Moshannon	36	-	-	-	-	-	-	-	-	-	-	29,300	-	-	250**

District 44

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches:Depth	Kind of Opening			Number and Type			Pounds of Explosives Used		
					:Shaft:	:Slope	:Drift:	:Lamps Used	:	:	:	:Ammonium Nitrate	:Dynamite
Fran Contracting, Inc.													
Strip Permit No. 1073-1	Clearfield	Up. Kittanning	22	-	-	-	-	-	-	-	3,000	50	-
Strip Permit No. 1073-6	Clearfield	M. Kitt. & Free.	16-24	-	-	-	-	-	-	-	345,000	1,620	-
Strip Permit No. 1073-7	Clearfield	Lo. Kittanning	27	-	-	-	-	-	-	-	254,000	1,100	-
Total											602,000	2,770	-
Gallagher Coal Co.													
Strip Permit No. 371-1C	Clearfield	Lo. Kittanning	36	-	-	-	-	-	-	-	72,000	1,000	-
Graham Brothers Coal Co.		Mid. Kittanning	38	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1314-1	Clearfield	Lo. Kittanning	7	-	-	-	-	-	-	-	-	-	-
Green Contracting, Richard D.													
Strip Permit No. 1188-1	Clearfield	Mid. & Up. Kitt.	30-18	-	-	-	-	-	-	-	241,875	6,970	32,065#
Hamer, Ardell B.													
Strip Permit No. 279-19	Clearfield	Lo. & Mid. Kitt.	25	-	-	-	-	-	-	-	224,175	2,056	29,514##
Strip Permit No. 517-1	Clearfield	-	-	-	-	-	-	-	-	-	-	-	-
Total											224,175	2,056	29,514
Hamilton Contracting Co., Al													
Strip Permit No. 533-1, 8, 9, 10, 11 & 17	Clearfield	U.,M.&L. Kitt.	15-40	-	-	-	-	-	-	-	129,906	207,008	3,840*
Hanslovan Coal Co., Inc., Ed. Holland, Arden W.													
Strip Permit No. 1157-2	Clearfield	Lo. Kittanning	36	-	-	-	-	-	-	-	148	20	-
Strip Permit No. 661-1	Clearfield	Mid. Kittanning	36	-	-	-	-	-	-	-	197,000	1,338	-
Jones Coal Co.													
Strip Permit No. 667-1	Clearfield	Lo. Kittanning	16	-	-	-	-	-	-	-	-	-	-
Kasubick Brothers Coal Co.													
Strip Permit No. 185-1	Clearfield	Lo. Kittanning	20	-	-	-	-	-	-	-	8,700	725	-
Kristianson & Johnson Coal Co.													
Strip Permit No. 56-35,36,39&45	Clearfield	Lo.&Mid. Kitt.	20-24	-	-	-	-	-	-	-	603,000	23,415	-
Lansberry Coal & Excavating Co.													
Strip Permit No. 543-2	Clearfield	Up. Kittanning	26	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 543-2A	Clearfield	Mid. Kittanning	24	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 543-3	Clearfield	Up. Kittanning	26	-	-	-	-	-	-	-	-	-	-
Long Coal Co., A.W.													
Strip Permit No. 663-1	Clearfield	Lo. Kittanning	18	-	-	-	-	-	-	-	-	-	-
M & M Construction Co.													
Strip Permit No. 1266-2	Clearfield	Clarion	18	-	-	-	-	-	-	-	4,000	80	-
McGovern Coal Co., Clair C.													
Strip Permit No. 440-3 & 7	Clearfield	Brookville	27	-	-	-	-	-	-	-	203,606	1,800	-

District 44

Operators and Mines	County	Name of Coal Bed	Geological Name	Seam	Inches:Depth	Kind of Opening			Number and Type			Pounds of Explosives Used		
						Shaft:	Slope	Drift:	Lamps	Used		Ammonium Nitrate	Dynamite	Other Permissible (Name)
Penn Coal Co., Inc.														
Strip Permit No. 607-6	Clearfield	Mid. Kittanning		28								103,000	3,400	-
Strip Permit No. 607-8	Clearfield	Mid. Kittanning		24								490,000	5,822	-
Strip Permit No. 607-9	Clearfield	Mercer		24	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 607-10	Clearfield	Clarion		28								73,000	4,100	-
Strip Permit No. 607-16	Clearfield	Clarion		24								-	-	-
										Total		666,000	13,322	-
Pike Coal Co.														
Strip Permit No. 430-22	Clearfield	Up. Kittanning		26								-	-	-
Strip Permit No. 430-27	Clearfield	Up. Kittanning		18								18,358	415	-
Strip Permit No. 430-28	Clearfield	Mid. Kittanning		18	-	-	-	-	-	-	-	649,968	5,912	-
Strip Permit No. 430-29	Clearfield	Mid. Kittanning		20								316,036	2,450	-
Strip Permit No. 430-31	Clearfield	Clay Rider		10								20,633	415	-
										Total		1,004,995	9,192	-
Power Contracting Co., Inc.														
Strip Permit No. 1078-3	Clearfield	Lo. Freeport		48								-	-	-
Strip Permit No. 1078-4	Clearfield	Lo. Freeport		48								327,765	1,196	-
Strip Permit No. 1078-8	Clearfield	Up. Kittanning		30	-	-	-	-	-	-	-	85,050	579	-
Strip Permit No. 1078-10	Clearfield	Mid. Kittanning		30								-	-	-
Strip Permit No. 1078-13	Clearfield	Up. Kittanning		30								-	-	-
										Total		412,815	1,775	-
Reese Brothers														
Strip Permit No. 539-4	Clearfield	Lo. Kittanning		25	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 539-7	Clearfield	Mid. Kittanning		16								-	-	-
River Hill Coal Co., Inc.														
Strip Permit No. 20-31	Clearfield	Lo. Kittanning		36								13,650	-	-
Strip Permit No. 20-38	Clearfield	Brookville		22	-	-	-	-	-	-	-	90,400	-	-
Strip Permit No. 20-39	Clearfield	-		-								-	-	-
Strip Permit No. 20-41	Clearfield	Brookville		28								18,500	-	-
										Total		122,550	-	-
Roy Coal Co.														
Strip Permit No. 113-4	Clearfield	Mid. Kittanning		22	-	-	-	-	-	-	-	2,000	100	-
Ryan Brothers Coal Co.														
Strip Permit No. 31-6	Clearfield	Lo. & Up. Free.		26								-	-	-
Strip Permit No. 31-10	Clearfield	Mid. Kittanning		16	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 31-11	Clearfield	Up. Freeport		24								-	-	-
Ryan Estate, William W.														
Strip Permit No. 1344-1	Clearfield	Up. & Lo. Kitt.		32	-	-	-	-	-	-	-	120,550	-	14,244@
Shiloh Contracting Co.														
Strip Permit No. 1124-3	Clearfield	Clay Rider		19	-	-	-	-	-	-	-	19,000	1,180	-

District 44

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches:Depth	Kind of Opening			Number and Type			Pounds of Explosives Used		
					Shaft:	Slope	Drift:	Lamps Used	:	:	Ammonium	Dynamite	Other
					:	:	:	:	:	:	Nitrate	:	Permis- sible (Name)
Sinca Mining, Inc.													
Strip Permit No. 529-8	Clearfield	Lo. Kittanning	24	-	-	-	-	-	-	-	-	-	-
Stott Coal Co., Inc., James M.	Clearfield	Mid. Kittanning	20	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 278-15	Clearfield	Mid. Kittanning	26	-	-	-	-	-	-	-	230,264	-	-
Strip Permit No. 278-16A2	Clearfield	Up. & Mid. Kitt.	18	-	-	-	-	-	-	-	390,172	-	-
Strip Permit No. 278-17A	Clearfield	Up. Kitt. & C Rider	30	-	-	-	-	-	-	-	412,792	-	-
Strip Permit No. 278-20	Clearfield									Total	1,033,228	-	-
T. & T. Clay & Coal Co.													
Strip Permit No. 1126-2	Clearfield	L. Kittanning	28	-	-	-	-	-	-	-	51,732	2,964	-
Thompson Brothers Coal Co., Inc.	Clearfield	Clarion-L. Kitt.	18	-	-	-	-	-	-	-	476,850	7,702	-
Strip Permit No. 127-10	Clearfield	Clarion-L. Kitt.	28	-	-	-	-	-	-	-	298,000	2,250	-
Strip Permit No. 127-8 & 11	Clearfield									Total	774,850	9,952	-
Thompson Coal Co., Inc., John A.	Clearfield	Lo. Kittanning	30	-	-	-	-	-	-	-	73,400	475,000	-
Strip Permit No. 492-1	Clearfield	Up. & Lo. Free.	36-40	-	-	-	-	-	-	-	-	-	-
Turner Coal Co., W.R.	Clearfield	Up. Kittanning	32	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1576-1	Clearfield	Brookville	20	-	-	-	-	-	-	-	37,510	2,748	-
V & C Coal Co.	Clearfield												
Strip Permit No. 1632-1	Clearfield	Lo. Freeport	48	-	-	-	-	-	-	-	8,490	100	-
Winters Construction Co., Melvin	Clearfield												
Strip Permit No. 11-3A	Clearfield												
District Total											12,642,470	968,345	94,913

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District 45

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches:Depth	Kind of Opening		: Number and Type :	: Pounds of Explosives Used :	: Other Permissible (Name)
					: Shaft :	: Slope :	: Lamps Used :		
Avery Coal Co., Inc.									
Strip Permit No. 522-8	Clearfield	Up. Freeport	29	-	-	-	-	475,000	27,000
Benjamin Coal Co.									
Strip Permit No. 64-98	Clearfield	Lo. Kittanning	32	-	-	-	-	334,000	3,300
Strip Permit No. 64-128	Clearfield	Lo. & Mid. Kitt.	25	-	-	-	-	501,000	4,000
Strip Permit No. 64-136	Clearfield	Lo. Kittanning	26	-	-	-	-	668,000	6,700
Strip Permit No. 64-149	Clearfield	Up. Freeport	29	-	-	-	-	167,000	1,600
							Total	1,670,000	15,600
Bigler, Harry F.									
Strip Permit No. 1473-1	Clearfield	Mid. Kittanning	36	-	-	-	-	-	-
Bull Run Coal Co.									
Strip Permit No. 1164-3	Clearfield	Up. Kittanning	36	-	-	-	-	-	-
Cardinal Coal & Contracting Co.									
Strip Permit No. 1649-1	Clearfield	Lo. Free. & Kitt. Rider 12-14	18	-	-	-	-	2,650	7,849
Strip Permit No. 1649-2	Clearfield	Up. Kittanning	18	-	-	-	-	-	-
Strip Permit No. 1649-3	Clearfield	Up. & Mid. Kitt.	18	-	-	-	-	-	-
							Total	2,650	7,849
Carlin, Inc., R. S.									
Strip Permit No. 134-7	Clearfield	Up. & Mid. Kitt.	30	-	-	-	-	756,890	8,420
Clearfield Limestone Corp.									
Strip Permit No. 258-7	Clearfield	Lo. & Mid. Kitt.	34	-	-	-	-	202,500	5,200
Edmunds Contracting & Supply Co., Inc.									
Strip Permit No. 532-4	Clearfield	Lo. Kittanning	34	-	-	-	-	-	-
Strip Permit No. 532-6	Clearfield	Lo. Kittanning	14	-	-	-	-	-	-
Strip Permit No. 532-7 & 8	Clearfield	Up. Kittanning	20	-	-	-	-	-	-
							Total	524,725	9,181
								524,725	80,815*
Glen Irvan Corp.									
Strip Permit No. 671-3	Clearfield	U. M. & L. Kitt.	24	-	-	-	-	682,300	16,275**
Auger-BAN-800	Clearfield	U. M. & L. Kitt.	24	-	-	-	-	-	20,337#
							Total	682,300	-
Hamilton Contracting Co., Al									
Strip Permit No. 533-6, 12, 14 & 15	Clearfield	U. M. & L. Kitt.	15-40	-	-	-	-	95,508	103,220
Hanslovian Coal Co., Inc., Ed.									
Strip Permit No. 1157-1	Clearfield	Clarion	30	-	-	-	-	137	40
Strip Permit No. 1157-2	Clearfield	Lo. Kittanning	36	-	-	-	-	147	20
							Total	284	60

District 45

Operators and Mines	County	Geological Name of Coal Bed	Seam	Inches	Depth	Length	Degrees	Drift	Kind of Opening		Number and Type		Pounds of Explosives Used		Other
									Shaft	Slope	Lamps Used				
Ingram Coal Co.									Height of						Permissible
Strip Permit No. 1476-3	Clearfield	Mid. Kittanning	30	-	-	-	-	-							Dynamite (Name)
Kristianson & Johnson Coal Co.															
Strip Permit No. 56-17	Clearfield	Lo. Freeport	42												
Strip Permit No. 56-24	Clearfield	Lo. Kittanning	48												
Strip Permit No. 56-27	Clearfield	Lo. Freeport	42												
Strip Permit No. 56-28	Clearfield	Lo. Kittanning	48	-	-	-	-	-					1,394,525	26,285	
Strip Permit No. 56-29	Clearfield	Up. Freeport	42												
Strip Permit No. 56-34	Clearfield	Up. Freeport	42												
Strip Permit No. 56-50	Clearfield	Lo. Freeport	36												
Moshannon Falls Mining Co., Inc.															
Strip Permit No. 5-2, 3 & 5	Clearfield	L.M.&U. Kitt.	8-32	-	-	-	-	-					1,080,600	297,583	
North American Refractories Co.															
Strip Permit No. 800-2	Clearfield	Mercer	13	-	-	-	-	-							
Owens Coal Mining Co.															
Strip Permit No. 934-17	Clearfield	Lo. Freeport	30												
Strip Permit No. 934-21	Clearfield	Lo. Kittanning	28												
Strip Permit No. 934-26	Clearfield	Lo. & Mid. Kitt.	34												
Strip Permit No. 934-27	Clearfield	L.M.&U. Kitt.	12-48												
Strip Permit No. 934-38	Clearfield	Lo. Kittanning	20												
Strip Permit No. 934-42	Clearfield	Mid. Kittanning	24												
Auger-BAM-719	Clearfield	L.M.&U. Kitt.	12-48												
Auger-BAM-720	Clearfield	Lo. Freeport	30												
Reese Coal Co., Inc., Philip															
Strip Permit No. 156-1C	Clearfield	Up. Kittanning	36	-	-	-	-	-					470,000	3,150	
Strip Permit No. 156-2C	Clearfield	Lo. Kittanning	36										120,500	940	
											Total		590,500	4,090	
River Hill Coal Co., Inc.															
Strip Permit No. 20-29	Clearfield	Mid.&Up. Kitt.	30-22										182,000	-	
Strip Permit No. 20-33	Clearfield	Mid. & Up. Kitt.	28-22										193,000	-	
Strip Permit No. 20-45	Clearfield	Mid. & Up. Kitt.	28-14	-	-	-	-	-					129,000	-	
Strip Permit No. 20-47	Clearfield	Mid. & Up. Kitt.	34-16										133,500	-	
Strip Permit No. 20-48	Clearfield	Moshannon	38										11,400	-	
											Total		648,900	-	
SRP Coal Co., Inc.															
Strip Permit No. 1230-1&3	Clearfield	Lo. Kittanning	36	-	-	-	-	-					1,148	437	
Strip Permit No. 1230-2A2	Clearfield	Mercer	24										24,960	1,148	
											Total		26,108	1,585	

District 45

Operators and Mines	County	Geological Name of Coal Bed	Height of Shaft	Kind of Opening		Inches:Depth	Degrees:Drift	Number and Type		Pounds of Explosives Used	
				Slope	Drift			Lamps Used			Other
										Ammonium Nitrate	Dynamite
Shawville Coal Co.											
Strip Permit No. 30-19	Clearfield	Lo. Kittanning	30							168,055	7,127
Strip Permit No. 30-30	Clearfield	Lo. Kittanning	30							249,425	7,347
Strip Permit No. 30-35	Clearfield	Lo. Kittanning	28							7,350	500
Strip Permit No. 30-36	Clearfield	U.M.&L.Kitt.	26							47,055	2,106
Strip Permit No. 30-37	Clearfield	Lo.&Mid. Kitt.	20							305,875	7,141
Strip Permit No. 30-50	Clearfield	U.M.&L. Kitt.	30							161,076	9,376
									Total	938,836	33,597
Shiloh Contracting Co.											
Strip Permit No. 1124-4	Clearfield	Lo. Kittanning	28							19,000	1,180
Simca Mining, Inc.											
Strip Permit No. 529-12	Clearfield	Up. & Lo. Free.	48-24							432,000	40,200
Teeter Coal Co., John											
Strip Permit No. 147-6	Clearfield	Mid. Kittanning	24							502,000	28,620
Strip Permit No. 147-10	Clearfield	Mid. Kittanning	22								
									District Total	10,043,326	609,670
										119,557	

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District 45A

Avery Coal Co., Inc.											
Strip Permit No. 1194-3 & 4	Clearfield	Lo. Freeport	18							320,000	99,000
Benjamin Coal Co.											
Strip Permit No. 64-79	Clearfield	Lo. Kittanning	24							668,000	5,600
Strip Permit No. 64-84	Clearfield	Lo. Freeport	26							560,000	4,000
Strip Permit No. 64-90	Clearfield	Mid. & Up. Kitt.	21							312,000	2,000
Strip Permit No. 64-138	Clearfield	Lo. & Mid. Kitt.	24							158,000	3,500
Strip Permit No. 64-143	Clearfield										

District 45A

County	Operators and Mines	Geological Name of Coal Bed	Height of Seam	Inches	Depth	Kind of Opening		Number and Type		Pounds of Explosives Used	
						Shaft	Slope	Drift	Lamps Used	Ammonium Nitrate	Other Permissible Dynamite (Name)
	Benjamin Coal Co. (continued)										
	Strip Permit No. 64-146	Clearfield	27							180,000	2,000
	Strip Permit No. 64-148	Clearfield	29							166,000	3,000
	Strip Permit No. 64-161	Clearfield	24							400,000	4,000
	Compass Coal Co., Inc.								Total	2,444,000	24,100
	Strip Permit No. 33-12	Clearfield	36							150,041	1,197
	Continental Coal Co.										
	Strip Permit No. 1505-1	Clearfield	28							85,450	3,424
	France Refractories Co., J. H.										
	Strip Permit No. 525-3 & 4	Clearfield	24								
	Glen Irvan Corp.										
	Strip Permit No. 671-2	Clearfield	30							38,200	
	Hartman Contractor, Warren C.										
	Strip Permit No. 1737-1	Clearfield	10-21							43,540	5,328
	Hepburnia Coal Co.										
	Strip Permit No. 14-41	Clearfield	24							652,230	15,200
	Strip Permit No. 14-48, 48A, 48A2	Clearfield	28							390,600	14,750
	Strip Permit No. 14-56	Clearfield	16							5,800	200
	Strip Permit No. 14-57	Clearfield	24							52,000	2,200
	Ingram Coal Co.								Total	1,100,630	32,350
	Strip Permit No. 1476-1	Clearfield	24								
	Jones Coal Co.										
	Strip Permit No. 667-8	Clearfield	17								
	McDonald Land & Mining Co., Inc.										
	Strip Permit No. 659-2	Clearfield	28							227,214	13,630
	Strip Permit No. 659-5	Clearfield	26							28,946	1,736
	Strip Permit No. 659-7	Clearfield	26							110,983	6,545
	Strip Permit No. 659-8	Clearfield	26							322,700	19,472
	Strip Permit No. 659-10	Clearfield	26							260,470	15,890
	New Shawmut Mining Co.								Total	950,313	57,273
	Strip Permit No. 196-14	Clearfield	36							20,075	183
	Owens Coal Mining Co.										
	Strip Permit No. 934-39	Clearfield	32								
	Strip Permit No. 934-40	Clearfield	48								
	Strip Permit No. 934-45	Clearfield	24								

District 46

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam Inches	Depth: Length: Degrees: Drift:	Kind of Opening			Number and Type			Pounds of Explosives Used		
					Shaft:	Slope	Drift:	Lamps	Used				Other
													Permis- sible (Name)
Avery Coal Co., Inc. Strip Permit No. 522-16	Clinton	Mercer	48	-	-	-	-	-	-	-	290,000	18,500	-
Benjamin Coal Co. Strip Permit No. 1479-1	Elk	Up. Kittanning	24										
Bennetts Coal Co. Strip Permit No. 559-14	Elk	Lo. Kittanning	24										
Strip Permit No. 559-16	Elk	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 559-17	Elk	Lo. Kittanning	28										
C & K Coal Co. Strip Permit No. 4-100	Elk	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 4-101	Elk	Up. & Lo. Free.	31-28										
Carlin, Inc., R.S. Strip Permit No. 134-37	Clinton	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	-
Confer Brothers Coal Co. Strip Permit No. 869-1	Clinton	Brookville	32								30,000	800	-
Strip Permit No. 869-3	Clinton	Brookville	32	-	-	-	-	-	-	-	358,000	6,500	-
Strip Permit No. 869-4	Clinton	Brookville	32								325,000	5,200	-
										Total	713,000	12,500	-
Cooks Run Coal Co. Strip Permit No. 1256-1	Clinton	Lo. Kittanning	36								169,000	1,100	-
Strip Permit No. 1256-2	Clinton	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1256-3	Clinton	Lo. Kittanning	36								32,000	300	-
										Total	201,000	1,400	-
Doan Coal Co. Strip Permit No. 154-9	Jefferson-Elk	Up. & Lo. Free.	36-26								52,140	1,297	-
Strip Permit No. 154-11	Elk	Up. & Lo. Free.	36-26	-	-	-	-	-	-	-	190,311	4,732	-
Strip Permit No. 154-12	Elk	Up. & Lo. Free.	36-26								18,249	454	-
Auger-BAN-597	Jefferson-Elk	Lo. Freeport	26								-	-	-
										Total	260,700	6,483	-
Esquire Fuel Co. Strip Permit No. 263-7	Elk	Up. & Lo. Free.	18-20								95,300	-	-
Fairview Coal Co., Inc. Strip Permit No. 1244-3	Elk	Mid. Kittanning	28	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1244-4	Elk	Up. Freeport	30								-	88,000	-
Strip Permit No. 1244-5	Elk	Up. Freeport	30	-	-	-	-	-	-	-	-	90,000	-
Auger-BAN-727	Elk	Up. Freeport	30								-	-	-
										Total	-	178,000	-

District 46

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used				
				:Shaft:	:Slope:	:Drift:	:Lamps:	:Used:	:Flame:	:Elec-:	:Ammonium Nitrate:	:Dynamite (Name):		
Fink & Stackhouse, Inc. Strip Permit No. 524-2 & 2A Strip Permit No. 524-2C	Clinton Clinton	Mid. Kittanning Mid. Kittanning	36 36	- -	- -	- -	- -	- -	- -	- -	6,000 6,000	2,100 2,100		
Total														
Glen Irvan Corp. Strip Permit No. 671-7 & 9 Harbison-Walker Refractories Strip Permit No. 266-15 Kristianson & Johnson Coal Co. Strip Permit No. 56-49 New Shawmut Mining Co. Strip Permit No. 196-12A Owens Coal Mining Co. Strip Permit No. 934-6 Strip Permit No. 934-18 Strip Permit No. 934-22 Strip Permit No. 934-34 Strip Permit No. 934-41 P & N Coal Co., Inc. Strip Permit No. 32-42, 46, 62, 68 & 84 Strip Permit No. 32-74692C Auger-BAM-728	Elk Clinton Clinton Elk Elk Elk Elk	Lo. Freeport Lo. Kittanning Brookville Up. Freeport Lo. Kittanning Lo. Kittanning Lo. Kittanning Clarion	30 36 30 30 18 22 41 38	- - - - - - -	- - - - - - - -	- - - - - - - -	- - - - - - - -	- - - - - - - -	- - - - - - - -	- - - - - - - -	9,075 - 362,975 - - - - -	90 - 12,285 - - - -		
Total														
Quinn Coal & Clay Mines Strip Permit No. 530-1, 3 & 5 R & R Coal Co. Strip Permit No. 135-13 River Hill Coal Co., Inc. Garden Division Strip Permit No. 20-43 Strip Permit No. 20-46 Shawville Coal Co. Strip Permit No. 30-43	Clinton Elk Clinton Clinton	Mid. Kittanning U.Kitt.&L.Free. Lo. Kittanning Lo. Kittanning	30 30-26 36 20	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	164,370 332,890 207,000 198,000 405,000	- 13,680 - -		
Total														
Total														

District 46

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible Dynamite (Name)	
				Shaft	Slope	Drift	Lamps Used	Flame	Electric			
			Inches	Depth	Length	Degrees	Drift	Non-gaseous	Open	Safety	Nitrate	
Tamburlin Brothers Coal Co., Inc.												
Strip Permit No. 472-4	Elk	Lo. Freeport	40	-	-	-	-	-	-	-	98,350	13,325
Strip Permit No. 472-7	Elk	Lo. Kittanning	40	-	-	-	-	-	-	-	7,100	288
Strip Permit No. 472-8	Elk	Up. & Lo. Free.	40	-	-	-	-	-	-	-	17,000	1,767
									Total		122,850	15,380
Vollmer, Lawrence B.												
Strip Permit No. 142-1	Elk	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-
									District Total		5,686,197	286,160

District 47

Carlisle, Inc., R. S.												
Strip Permit No. 134-23	Centre	U. & L. Brookville	28	-	-	-	-	-	-	-	732,250	6,195
Strip Permit No. 134-32	Centre	U. & L. Brookville	28	-	-	-	-	-	-	-	109,975	5,955
Strip Permit No. 134-38	Centre	U. & L. Brookville	28	-	-	-	-	-	-	-	511,700	6,575
										Total	1,353,925	18,725
Elliot Coal Mining Co., Inc.												
Strip Permit No. 59-7	Centre	Mid. & Up. Kitt.	28	-	-	-	-	-	-	-	427,270	1,559
Strip Permit No. 59-31	Centre	Mid. Kittanning	24	-	-	-	-	-	-	-	51,330	242
Strip Permit No. 59-32	Centre	Brookville	24	-	-	-	-	-	-	-	29,166	185
Strip Permit No. 59-34	Centre	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-
										Total	507,766	1,986
Fisher Mining Co.												
Strip Permit No. 637-1	Lycoming	U. M. & L. Kitt.	36	-	-	-	-	-	-	-	369,907	3,226
Halfway Coal yard, Inc.												
Strip Permit No. 1276-1	Centre	Brookville	30	-	-	-	-	-	-	-	1,429,773	166,161
Strip Permit No. 1276-2	Centre	Brookville	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 1276-3	Centre	Brookville	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 1276-4	Centre	Lo. Kittanning	24	-	-	-	-	-	-	-	-	-
Strip Permit No. 1276-5	Centre	Brookville	30	-	-	-	-	-	-	-	501,695	22,830
Strip Permit No. 1276-6	Centre	Brookville	30	-	-	-	-	-	-	-	843,634	27,606
										Total	2,775,102	216,597
Johnson & Morgan												
Strip Permit No. 490-6	Centre	Brookville & Rider	20	-	-	-	-	-	-	-	1,730,455	46,795
Strip Permit No. 490-8	Centre	Up. Kittanning	36	-	-	-	-	-	-	-	543,032	7,008
										Total	2,273,487	53,803

District 47

County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible Dynamite (Name)
			Shaft	Slope	Drift	Lamps	Used			
		Inches	Depth	Length	Degrees	Drift	Nongaseous	Open	Safety	Electric
Lycoming	Bloss	28	-	-	-	-	-	-	-	735,311
Lycoming	Bloss	28	-	-	-	-	-	-	-	554,709
Lycoming	Bloss	36	-	-	-	-	-	-	-	2,050
									Total	1,292,070
Centre	Up. & Lo. Kitt.	36-24	-	-	-	-	-	-	-	170,720
Lycoming	Lo. Kitt. & Splits	20	-	-	-	-	-	-	-	496,800
Centre	Lo. Kittanning	40	-	-	-	-	-	-	-	66
Centre	Lo. Kittanning	18	-	-	-	-	-	-	-	161,000
Centre	B'ville & Lo. Kitt.	36-40	-	-	-	-	-	-	-	661,876
									District Total	10,069,158
										318,409

District 49

Eastern Mining Co.	Bear Creek	48	-	-	-	-	-	-	-	5,914
Strip Permit No. 1357-2	Bloss-Seymour	48	-	-	-	-	-	-	-	
Jones & Brague Mining Co.	Morgan-Cannal	54	-	-	-	-	-	-	-	1,089,440
Strip Permit No. 7-25	Bloss	30	-	-	-	-	-	-	-	726,650
Strip Permit No. 7-29	Bloss	36	-	-	-	-	-	-	-	926,100
Strip Permit No. 7-31	Morgan-Cannal	54	-	-	-	-	-	-	-	
Strip Permit No. 7-32	Bloss	36	-	-	-	-	-	-	-	526,700
Strip Permit No. 7-34	Seymour	42	-	-	-	-	-	-	-	15,100
Strip Permit No. 7-35									Total	3,283,990
										21,789

District 49

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Number and Type		Pounds of Explosives Used	Permissible (Name)
				Shaft	Slope	Lamps	Drift		
P & M Coal Co. Strip Permit No. 1477-2 Percival, John Strip Permit No. 1087-5	Tioga	Bear Creek	18	-	-	-	-	621,000	9,857
	Tioga	Morgan-Bloss	18-26	-	-	-	-	496,800	7,886
								District Total	
								4,774,393	45,446

District 65

Ace Drilling Coal Co., Inc. Strip Permit No. 218-16 Strip Permit No. 218-23 Strip Permit No. 218-26	Blair	Lo. Kittanning	46	-	-	-	-	53,250	16,113
	Blair	Brookville	48	-	-	-	-	-	-
	Blair	Lo. Kittanning	46	-	-	-	-	26,000	2,620
								79,250	18,733
								Total	
B. B. & B. Strip Strip Permit No. 1536-1 Krieger Coal, Inc. Strip Permit No. 519-4 L & B Coal Co. Strip Permit No. 270-9 Strip Permit No. 270-10 Strip Permit No. 270-11	Bedford	Barnett-Kelly	30-72	-	-	-	-	-	-
	Bedford	Kelly-Little Pgh	48-18	-	-	-	-	7,000	185
	Huntingdon	Barnett	22	-	-	-	-	-	-
	Fulton	Barnett	30	-	-	-	-	-	-
	Fulton	Barnett	36	-	-	-	-	82,500	1,486
								82,500	1,486
								Total	
Low Vol Energies, Inc. Strip Permit No. 1483-2 New Enterprise Stone & Lime Co., Inc. Strip Permit No. 796-2 Richards, Kenneth G. Strip Permit No. 453-4A Swistock, Inc. Strip Permit No. 522-11 Strip Permit No. 522-13 Strip Permit No. 522-20	Bedford	Twin Barnett	72	-	-	-	-	420,000	10,000
	Bedford	Kelly-Barnett	78-24	-	-	-	-	-	-
	Bedford	Up. Glo. Free.	30-48	-	-	-	-	230,400	23,280
	Huntingdon	Dudley	36	-	-	-	-	-	-
	Bedford	Kelly	38	-	-	-	-	-	-
	Bedford	Dudley	60	-	-	-	-	-	-
								District Total	
								819,150	53,684

BITUMINOUS CLEANING PLANTS AND TIPPLES

CLEANING PLANTS AND TIPPLES

1977

BITUMINOUS COAL REGION

Dis- trict	Name	Operator	Location	Zip Code
23	Adams Siding Tipple	The Cardinal Mining Co.	Friedens	15541
3	Alicia No. 2 Tipple	L & J Docks	Greensboro	15338
11	Allegheny No. 2 Cleaning Plant	Penn Allegh Coal Co., Inc.	Tarentum	15084
17	Amesville Tipple	Flango Brothers Coal, Inc.	Houtzdale	16651
24	Antis Siding	Cambria Coal Co.	Blandburg	16619
15	Apollo No. 1 Tipple	The Apollo Corp.	Shelocta	15774
15	Apollo No. 2 Preparation Plant	The Apollo Corp.	Heilwood	15745
14	Arcadia No. 43 Tipple	The Arcadia Co., Inc.	Arcadia	15712
9	Aurora No. 5 Tipple	Bradford Coal Co., Inc.	Bigler	16825
12	Banning No. 4 Cleaning Plant	Republic Steel Corp.	West Newton	15089
23	Bear Run Tipple	The Cardinal Mining Co.	Friedens	15541
9	Beechton No. 5 Tipple	Boyer Coal Co.	DuBois	15801
9	Belfast Tipple	Hepburnia Coal Co.	Grampan	16838
17	Belfast No. 14 Siding	Jas. M. Stott Coal Co., Inc.	Phillipsburg	16866
17	Benjamin No. 3 Cleaning Plant	Benjamin Coal Co.	LaJose	15753
17	Benjamin No. 6 Cleaning Plant	Benjamin Coal Co.	Westover	16692
17	Benjamin No. 10 Tipple	Empire Coal Co., Inc.	LaJose	15753
1	Blacksburg Tipple	West Freedom MiningCorp.	Kittanning	16201
23	Blue Lick Tipple	Delta Coal Sales, Inc.	Grantsville, Md.	21536
1	Book Cleaning Plant	Miller & McKnight Coal Co.	Slippery Rock	16057
14	Bostonia Tipple	Ernest C. Dean Contractor, Inc.	New Bethlehem	16242
17	Bradford Breaker	Johnson & Morgan	Snow Shoe	16874
2	Bridgeburg Tipple	C. H. Snyder Co.	Kittanning	16201
9	Brockway Tipple	P & N Coal Co., Inc.	Punxsutawney	15767
20	Brookdale Preparation Plant	Bethlehem Mines Corp.	Ebensburg	15931
17	Brown No. 5 Tipple	E. M. Brown, Inc.	Clearfield	16830
10	Cadogan Cleaning Plant	Allegheny River Mining Co.	Cadogan	16212
10	Cadogan Tipple	Rob Coal Co.	Cadogan	16212
23	Cambria Tipple	PBS Coals, Inc.	Central City	15926
24	Cambria Slope Preparation Plant	Bethlehem Mines Corp.	Ebensburg	15931
11	Canterbury Cleaning Plant	Canterbury Coal Co.	Avonmore	15618
9	Carroll Preparation Plant	Carroll Coal Trusts	Lucinda	16235
6	Champion No. 1 Preparation Plant	Consolidation Coal Co.	Imperial	15126
9	Cher's Pride Tipple	Chernicky Coal Co., Inc.	Shippenville	16254
9	Cherokee Tipple	P & Y Coal Co., Inc.	Mayport	16240
9	Clarion Tipple	Glacial Minerals, Inc.	Strattanville	16258
14	Cloe Yard Tipple	P & N Coal Co., Inc.	Punxsutawney	15767
8	Clyde Preparation Plant	Republic Steel Corp.	Fredericktown	15333
23	Coal Junction Tipple	Coal Junction Coal Co.	Friedens	15541
24	Colver Preparation Plant	Eastern Associated Coal Corp.	Colver	15927
44	Colwell Loading Dock & Crusher	Colwell Coal Co.	Kittanning	16201
16	Conemaugh No. 1 Preparation Plant	The North American Coal Corp.	Seward	15954
17	Cooper Smokeless No. 2 Prep. Pl.	Bradford Coal Co., Inc.	Bigler	16825
9	Corsica Tipple	R.E.M. Coal Co., Inc.	Brookville	15417
44	Coulter Tipple	Glenn Coal Co., Div. of Champion Coal Co., Inc.	Punxsutawney	15767
9	Culbertson Tipple	H & G Coal & Clay Co., Inc.	Clarion	16214
4	Cumberland Cleaning Plant	United States Steel Corp.	Pittsburgh	15230
13	Daugherty Tipple	Bortz Coal Co.	Uniontown	15401
14	Dayton Tipple	P & N Coal Co., Inc.	Punxsutawney	15767
10	Decker Tipple	B. H. & H., Inc.	Kittanning	16201
12	Delmont No. 57 Cleaning Plant	Eastern Associated Coal Corp.	Hunker	15639
22	Doe Valley Loading Dock	Doe Valley Coal Co.	Windber	15963
14	Dora Preparation Plant	Doverspike Brothers Coal Co.	Punxsutawney	15767
9	Eagle Rock No. 10 Tipple	John Teeter Coal Co.	Phillipsburg	16866
1	Edinburg Preparation Plant	Ambrosia Coal & Const. Co.	Edinburg	16116
21	Ehrenfeld Tipple	Bethlehem Mines Corp.	Ebensburg	15931
1	Eidenau Tipple	Kerry Coal Co.	Portersville	16051
7	Eldsworth No. 51 Cleaning Plant	Bethlehem Mines Corp.	Eighty Four	15330
3	Emerald Cleaning Plant	Emerald Mines Corp.	Waynesburg	15370
9	Emery Tipple	Brookside Coal Co., Inc.	Brookville	15825
22	Eureka No. 36 Tipple	Heshbon Coal Co., Inc.	Windber	15963
9	Evans Tipple	Mauersberg Coal Co.	Sigel	15860
24	Fallentimber Cleaning Plant	Cambria Coal Co.	Blandburg	16619
9	Falls Creek Tipple	Benjamin Coal Co.	LaJose	15753
1	Fawn No. 91 Cleaning Plant	Bethlehem Mines Corp.	Eighty Four	15330

Dis- trict	Name	Operator	Location	Zip Code
14	Fetterman Tipple	Fetterman Coal Co.	Glen Campbell	15742
17	Fisher Tipple	Fisher Mining Co.	English Center	17733
16	Florence No. 1 Preparation Plant	The Florence Mining Co.	Seward	15954
11	Foster No. 4 & 5 Cleaning Plant	Leechburg Mining Co.	Leechburg	15656
9	Fryburg Tipple	A. P. Weaver & Sons	Fryburg	16326
13	Genovese Coal Processing Plant	Genovese Coal Co.	Smithfield	15478
15	Glenside Preparation Plant	James Coal Mining Co.	Starford	15777
9	Goshen Tipple	R. D. Baughman Coal Co., Inc.	Brookville	15825
13	Grays Landing Ramp	J & C Loading Co.	Masontown	15461
19	Greenwich Preparation Plant	Greenwich Collieries	Barnesboro	15714
17	Halfway Coal Yard	S & D Trucking Co.	Snow Shoe	16874
2	Harcloff Tipple	Ernest C. Dean Contractor, Inc.	New Bethlehem	16242
5	Harmar Preparation Plant	Harmar Coal Co.	Pittsburgh	15238
14	Harmon Tipple	Harmon Coal Co.	Dayton	16222
9	Hickory No. 1 Tipple	Thomas Coal Co., Inc.	Grampian	16838
1	Hilliards Preparation Plant	Lakeview Processing Corp.	Hilliards	16040
14	Hillman Tipple	P & N Coal Co., Inc.	Punxsutawney	15767
9	Hoffman Tipple	River Hill Coal Co., Inc.	Kylertown	16847
25	Homer City Cleaning Plant	Iselin Preparation Co.	Indiana	15701
1	Hooker Tipple	Black Fox Mng. & Dev. Corp.	Karns City	16041
12	Hutchinson Preparation Plant	Consolidation Coal Co.	Hutchinson	15640
13	Isabella Cleaning Plant	National Mines Corp.	Isabella	15447
21	Jandy Processing Plant	Jandy Coal Co., Inc.	Windber	15963
14	Johnstown Coal & Coke Prep. Pl.	Johnstown Coal & Coke Co.	Glen Campbell	15742
17	Kettle Creek Tipple	Avery Coal Co., Inc.	Westport	17778
1	Kincaid Tipple	Black Fox Mng. & Dev. Corp.	Karns City	16041
14	Kinter No. 1 Dock	Marion Center Mining Co.	Marion Center	15759
8	LaBelle Preparation Plant	Jones & Laughlin Steel Corp.	LaBelle	15450
24	Lancashire No. 20 Cleaning Plant	Barnes & Tucker Co.	Barnesboro	15714
18	Lancashire No. 24 Preparation Pl.	Barnes & Tucker Co.	Barnesboro	15714
19	Lancashire No. 25 Preparation Pl.	Barnes & Tucker Co.	Barnesboro	15714
22	Laurel Preparation Plant	Consolidation Coal Co.	Central City	15926
17	Leslie Tipple	Helena Coal Co., Inc.	Osceola Mills	16666
13	Lock No. 8 Loading Dock	J & C Loading Co.	Masontown	15461
17	Loop Run Siding	Garden Coal Co., Inc.	Kylertown	16847
9	Lucinda Tipple	Zacherl Coal Co., Inc.	Lucinda	16235
9	Luthersburg Tipple	Benjamin Coal Co.	LaJose	15753
10	Mahoning Creek Cleaning Plant	Carpentertown Coal & Coke Co.	Templeton	16259
26	Mariana No. 58 Cleaning Plant	Bethlehem Mines Corp.	Eighty Four	15330
11	Marion Cleaning Plant	Tunnelton Mining Co.	Saltsburg	15681
14	Markle Preparation Plant	Markle-Bullers Coal Co.	Kittanning	16201
14	Markle Tipple	Markle-Bullers Coal Co.	Kittanning	16201
13	Masontown Dock	J & C Loading Co.	Masontown	15461
6	Mathies Cleaning Plant	Mathies Coal Co.	Courtney	15029
9	Mays Tipple	Mauersberg Coal Co.	Sigel	15860
15	Mears Custom Preparation Plant	Mears Coal Co.	Dixonville	15734
9	Medix Run Tipple	P & N Coal Co., Inc.	Punxsutawney	15767
5	Micale Coal Yard	Joe Micale Farm Supply	Rural Ridge	15075
17	Mid Penn Tipple	Avery Coal Co., Inc.	Madera	16661
9	Mt. Carmel No. 2 Tipple	Moshannon Falls Mng. Co., Inc.	Clearfield	16830
3	Nemacolin Preparation Plant	Nemacolin Mines Corp.	Nemacolin	15320
11	North Apollo Tipple	Altmire Brothers Coal Co.	Apollo	15613
23	No. 1 Cleaning Plant	M. F. Fetterolf Coal Co., Inc.	Boswell	15531
23	No. 3 Cleaning Plant	M. F. Fetterolf Coal Co., Inc.	Boswell	15531
17	No. 14 Tipple	North Cambria Fuel Co.	Spangler	15775
21	No. 37 Processing Plant	M & K Coal Co.	Windber	15963
21	No. 40 Processing Plant	G. M. & K. Coal Co.	Windber	15963
15	Oneida Preparation Plant	The Oneida Mining Co.	Dilltown	15929
9	P & S Tipple	Doan Coal Co.	Reynoldsville	15751
15	Park Side Tipple	Wm. J. McIntire Coal Co.	Shelocta	15774
26	Peggs Run No. 2 Cleaning Plant	Peggs Run Coal Co., Inc.	Shippingport	15077
14	Penn No. 1 Tipple	West Penn Tipple Co.	Marion Center	15759
23	Penn Pocahontas Cleaning Plant	Penn Pocahontas Coal Co.	Garrett	15542
1	Perry Brothers Tipple	Perry Brothers Coal Co.	Sharon	16146
9	Pine City Tipple	A. P. Weaver & Sons	Fryburg	16326
23	Pine Hill No. 2 Tipple	Croner, Inc.	Berlin	15530
9	Piney Tipple	C & K Coal Co.	Clarion	16214
22	Reitz No. 4 Cleaning Plant	Reitz Coal Co.	Windber	15963
22	Reitz No. 11 Cleaning Plant	Reitz Coal Co.	Windber	15963
5	Renton Preparation Plant	Consolidation Coal Co.	Renton	15073
9	Rimersburg Tipple	C & K Coal Co.	Clarion	16214
21	Riverside Processing Plant	Island Creek Coal Co.	Tire Hill	15959

Dis- trict	Name	Operator	Location	Zip Code
3	Robena Preparation Plant	United States Steel Corp.	Greensboro	15338
9	Rockton Tipple	Avery Coal Co., Inc.	Rockton	15856
23	Rockwood Tipple	Casselman Coal Sales Co.	Friedens	15541
23	Rockwood Tipple	Svonavec Coal Co.	Friedens	15541
9	Rolling Stone Tipple	River Hill Coal Co., Inc.	Kylertown	16847
14	Rossiter No. 2 Tipple	The Arcadia Co., Inc.	Arcadia	15712
1	Rovella Tipple	Kerry Coal Co.	Portersville	16051
17	Rushton Tipple	Rushton Mining Co.	Philipsburg	16866
1	Russellton Cleaning Plant	Republic Steel Corp.	Russellton	15076
17	St. Lawrence Tipple	Kristianson & Johnson Coal Co.	Westover	16692
1	Sandy Lake Cleaning Plant	Miller & McKnight Coal Co.	Slippery Rock	16057
23	Scurfield No. 1 Tipple & Cl. Pl.	Scurfield Coal, Inc.	Berlin	15530
22	Shade Creek Cleaning Plant	PBS Coals, Inc.	Central City	15926
9	Shannon Tipple	Shannon Coal Co.	Clarion	16214
17	Shannon Smokeless No. 1 Prep. Pl.	Bradford Coal Co., Inc.	Bigler	16825
23	Shaw No. 7 Tipple	Sanner Coal Co.	Meyersdale	15552
23	Shober Tipple	Decker Construction Co.	Garrett	15542
23	Shober No. 1 Tipple	Pembroke Coal Co.	Garrett	15542
9	Siegel Tipple	Harold A. Siegel Coal Co.	Clarion	16214
17	Snow Shoe Tipple	R. S. Carlin, Inc.	Snow Shoe	16874
23	Somerset No. 1 Tipple	Appalachia Fuels, Inc.	Somerset	15501
7	Somerset No. 60 Cleaning Plant	Bethlehem Mines Corp.	Eighty Four	15330
21	Sonman Processing Plant	Cooney Brothers Coal Co.	Portage	15946
21	Sonman Processing Plant	Universal Minerals Co.	Portage	15946
7	Speers Loading Dock	J & C Loading Co.	Masontown	15461
9	Stahlman Washery	W. P. Stahlman Coal Co., Inc.	Corsica	15829
9	Stott No. 1 Cleaning Plant	Lady Jane Collieries, Inc.	Penfield	15849
22	Stoystown Cleaning Plant	Solar Fuel Co., Div. of Gulf & Western Ind., Inc.	Somerset	15501
23	Stoystown Tipple	Tri-C Coal Co., Inc.	Somerset	15501
9	Stronach Tipple	Benjamin Coal Co.	LaJose	15753
1	Sunbeam Washing Plant	Sunbeam Coal Co.	Boyers	16020
9	Surveyor Run Tipple	Shawville Coal Co.	Shawville	16873
9	Tait Tipple	R. D. Baughman Coal Co., Inc.	Brookville	15825
13	Taylor Preparation Plant	Brownsville Welding Co. Coal Yard	Brownsville	15417
14	Terry Tipple	Terry Coal Sales, Inc.	Distant	16223
22	Triumph Processing Plant	Triumph Coal Co.	Johnstown	15901
17	Van Tipple	Avery Coal Co., Inc.	Wallacetown	16876
1	Veon Tipple	Ralph A. Veon, Inc.	Darlington	16115
17	Warquier Tipple	Warquier Coal Co.	Clearfield	16830
4	Warwick Preparation Plant	Duquesne Light Co.	Greensboro	15338
14	Widnoon Tipple	R. D. Baughman Coal Co., Inc.	Brookville	15825
1	Willowbrook Tipple	Willowbrook Mining Co.	Grove City	16127

BITUMINOUS COAL OPERATORS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

BITUMINOUS COAL OPERATORS---YEAR 1977

DM Denotes operators having deep mines.
* Denotes operators having strip mines.
Denotes operators having auger mines
@ Denotes operators having refuse or reclaimed piles.
c Denotes operators having cleaning plants or tipples.
% Denotes drilling contractors.

District	Operator	General Supt.	Address	Zip Code
34A,39A	A & C Coal Co., Inc.*	Floyd G. Cass	R.D.3, Box 411	Apollo 15613
32B	A. & H. Coal Co., Inc.*	Walter Haass	Box 215	Shinnston,WVa. 26431
30,35A,36	AH-RS Coal Corp.*	Robt. L. Snyder	Box A	Bruin 16022
42,65	Ace Drilling Coal Co., Inc.*	Ralph Schmidt	P.O. Box 153	South Fork 15956
38	Adams, Mervin J.*	M. J. Adams	R.D. 4, Box 215	Punxsutawney 15767
33A	Adams Trucking Co., F. E.*	Francis Adams	P.O. Box 514	Scottdale 15683
36	Allegheny Mineral Corp.*		P.O. Box 10	Kittanning 16201
10	Allegheny River Mining Co. c			Cadogan 16212
37	Allied Fuel & Materials, Inc.*	Mac Chutz	467 New Castle	Slippery Rock 16057
34	Aloe Coal Co.*	Henry Vincent	Box 50	Imperial 15126
30	Alpha Environmental Mng. Corp.*	Stewart Wayner	P.O. Box 146	Corsica 15829
11,35A	Altmire Bros. Coal Co., Inc.*	cMack Altmire	Box 281	Apollo 15613
41	Alumbaugh Coal Corp.*#	Robert Henry	R. D. 1	Friedens 15541
1,31	Ambrosia Coal & Const. Co.*c	Ken Shick, Jr.	R. D. 1	Edinburg 16116
40A	American Mining Co.*	Ronald Schmuck	R. D. 3	Rockwood 15557
37	Ancient Sun Inc.*	D. E. Kahle, Jr.	P.O. Box 129	Shippensburg 16259
43	Anderson Creek Coal & Clay Co.*	Earl E. Buck	P.O. Box 301	Flourtown 19031
34A,35A, 39A	Ankeny, Donald K.*	D. K. Ankeny	R. D. 1	Shelocta 15774
33,34A	Ann Mineral Co.*	John R. Slate, Jr.	500 Lloyd Ave.	Latrobe 15650
34	Ansell, Earl *	Earl Ansell	R.D.1, Box 79	Scottdale 15683
34	Apex Co., Inc.*	Edward Gilmore	622 Market St.	McKeesport 15132
15,32,35A, 39	Apollo Corp., The *#c	Wm. G. Kearns	212 Sixth St.	Charleroi 15022
23	Appalachian Fuels, Inc. c	Dean Lyons	571 E. Main St.	Somerset 15501
14,39,43	Arcadia Co., Inc., The *c	Andrew Stossel	Box 3	Arcadia 15712
40,40A	Ardel Natural Res. (Pa.) Inc.*	Orland Wasson	202 E. Union St.	Somerset 15501
17	Associated Drilling Co., Inc. DM	Milford Kephart	R.D., Box 754	Osceola Mills 16666
9,17,44,45, 45A,46	Avery Coal Co., Inc.*c	Don Gibson	Box 232	Philipsburg 16866
34A	Avonmore Enterprises *	J. Merle Smith	R. D. 1	Avonmore 15618
65	B. B. & B. Strip *	Jas. E. Browning	Route 2	Flintstone,Md. 21530
40	BBL Enterprises, Inc.*	Blake Beeghly	R.D. 1	Somerset 15501
39	B.B.S. Coal Co.*	P. Brown	P.O. Box 139	Arcadia 15712
30	B & D Coal Co.*	Chester Barr	Box 274	Harrisville 16038
34	B & G Coal Co., Inc.*	Wayne W. Cook	R.D. 3, Box 325	Oakdale 15071
30,35A	B & G Const. Co., Inc.*	Blaney W. Bowser	734 Butler Rd.	Kittanning 16201
10,35	B. H. & H., Inc.*#c	H. E. Bartony	1008 Fifth Ave.	Ford City 16226
32B	B.L.F. Corp.*	John Boyle	164 Westm'd Ave.	Greensburg 15601
4	B. & M. Coal Co. DM	Robert Chess	Box 37	Dilliner 15327
41	Badger Coal Co., Inc.*	Paul Polenik	525 Swank Bldg.	Johnstown 15901
33	Baker Coal Co.*		R.D.1, Box 10	Lake Lynn 15451
41	Balough Mining Co.*	Bud Balough	R.D. 1	Cairnbrook 15924
18,19,24	Barnes & Tucker Co. DM c	Robt. F. Slack	1912 Chestnut Av.	Barnesboro 15714
33A	Bartoni, John *	John Bartoni	128 Sangston Ave.	Masontown 15461
33A	Bartoni, Rocco *	Rocco Bartoni	R.D. 2, Box 117	Smithfield 15478
33A	Bartoni Coal Co.*	Domenic Bartoni	R.D. 2, Box 336	Smithfield 15478
9,14,35,36, 38,38A	Baughman Coal Co., Inc., R.D.*c	Melvin S. Reitz	P. O. Box 218	Brookville 15825
30	Baverso & Sons Const. & Mng. Co., Inc.*	Peter Baverso	R.D.2, Box 373G	Apollo 15613
38A	Becker, Blake Jr. *	Blake Becker, Jr.	R. D. 2	Reynoldsville 15851
39A	Bee Construction Co.*	Jim Leisenring	R. D. 3	Shelocta 15377
40	Beener Coal Co., Edward P. *	Edward Beener	R. D. 3	Rockwood 15557
39A	Beilchick Brothers *	Paul Beilchick	R. D. 2	Barnesboro 15714
42	Bender Coal Co., Edward P. *	E. P. Bender	R. D. 1, Box 82	Carrolltown 15722
9,17,38A,39,42,43,44,45, 45A,46	Benjamin Coal Co. *c	D. J. Benjamin	R. D. 1	LaJose 15753

District	Operator	General Supt.	Address	Zip Code
39A	Bennett Coal Co. *	Wm. R. Bennett	R. D. 1	Homer City 15748
46	Bennetts Coal Co. *	Wm. DeSalve		Penfield 15849
34A,39A,42	Bentley Coal Co., Inc.*#	Boyd Strittmatter	Box 585	Bentleyville 15314
42,43	Best Resources *	Jos. A. Kirsch	807 Main St.	Portage 15946
1,7,18,20,21,				
22,24,26	Bethlehem Mines Corp. DMc	E. J. Korber	P. O. Box 29	Ebensburg 15931
33,40	Better Mining, Inc.*	Geo. Cramer	Plank Rd.-Lynn A.	Somerset 15501
34	Bettters, Dominick J. *	Daniel Petricca	R. D. 2	Burgettstown 15021
36	Beveridge Coal Co. *	Chas. Beveridge	R. D. 1	Clarion 16214
30	Big B Mining Co., Inc. *	Robt. K. Hilliard	R. D. 1	W. Sunbury 16061
34	Big Break Mng. Co., Inc. *	W. W. Osterwise	221 Robinhood Ln.	McMurray 15317
41	Bigan Coal Co., M. H. *	M. H. Bigan	421 Bigan Dr.	Windber 15963
41	Bigan Estate, John E. *	Jas. Bigan	200 Cherry Ave.	Johnstown 15904
45	Bigler, Harry F. *	H. F. Bigler	R. D. 2	Clearfield 16830
40A	Bittner Coal Co. *	D. J. Bittner	R.D. 4, Box 160	Meyersdale 15552
35	Bituminous Internation Corp.*#	Guy Stoker		Penfield 15849
34	Bit. Processing Co.,Inc.@	Wm. C. Camp	285 S. Wash. Rd.	McMurray 15317
40A	Black Diamond Coal Co. *	Chas. Jannette	R. D. 1	Somerset 15501
1,30	Black Fox Mng. & Dev. Corp.*c	W. Barnhart	Box F	Karns City 16041
35	Black Gem Coal Co. *#	Ronald J. Good	401 S. Water St.	Kittanning 16201
22	Bloom Coal Co. DM	Ralph Bloom, Jr.	R. D. 1	Holsopple 15935
40A	Blue Lick Coal Co., Inc. *	P. C. Shannon	Box 97	Stoystown 15563
34	Bobnar, Paul *	Paul Bobnar	Box 234	Adamsburg 15611
32,33,34A	Bologna Mining Co. *	Tony Bologna	Box 309	Burgettstown 15021
41	Boomdown Coal Co., Inc. *	D. N. McCullough	Box 269	Cairnbrook 15924
13,33A	Bortz Coal Co. *c	Geo. H. Bortz,III	63 N. Beeson Ave.	Uniontown 15401
9,38A	Boyer Coal Co. *c	Wm. P. Boyer	206 E. Sherman	DuBois 15801
30,38	Bracken Construction Co. *	Dale A. Bracken		Sligo 16255
9,17,44	Bradford Coal Co., Inc. *c	Aldean Hamilton		Bigler 16825
33,41	Brant Coal Co., Inc. *	James Brant	100 Byers Rd.	Somerset 15501
40A	Brant Mining Co., C. *	C. Brant	R.D. 6, Box 36	Somerset 15501
40	Brawal Mining, Inc. *	Dennis Beahr	R. D. 1	Boswell 15531
32A	Britton, James W. *	J. W. Britton	813 Green St.	California 15419
14	Brocious, Harold E. DM	H. E. Brocious		Timblin 15778
33A	Brooks, Howard G. *	Chas. Brooks	Box 105	Smithfield 15478
9	Brookside Coal Co., Inc. c		R. D. 1	Brookville 15825
44	Brown Co., Earl M. *	Rodger Shimmel	329 Mt. Joy Rd.	Clearfield 16830
17	Brown, Inc., E. M. c		P. O. Box 767	Clearfield 16830
35A	Brown Bros. Coal Co. *	Fred W. Brown	R.D. 1, Box 339	Indiana 15701
34,34A	Brown Coal Co., Inc.,C.W. *	Jas. R. Brown	Box 23	Whitney 15693
13	Brownsville Weld. Co.Coal Yd.c	Donald N. Hudak	76 Williams St.	Brownsville 15417
38A	Brubaker Bros. Coal Co. *	Jas. O. Brubaker	302 W. DuBois Av.	DuBois 15801
31	Brush Run, Inc. *	Frank Reston	648 E. Wash. St.	New Castle 16101
35A	Bryar Construction Co. *	E. B. Armitage	311 N. 2nd St.	Apollo 15613
38,45	Bull Run Coal Co. *	P. G. Forcey, Jr.	R.D. 1, Box 46	Morrisdale 16858
33	Buncic Coal Co. *	John Buncic	R. D. 3	Smithfield 15478
40A	Burnham Coal Co. *	Robt. D. Buckel	P. O. Box 102	Garrett 15542
38	Burkett, Maxine L. *	Larry L. Burkett	R. D. 5	Punxsutawney 15767
38	Burkett Coal Co., L. & L. *	Larry L. Burkett	R.D. 5, Box 247	Punxsutawney 15767
39A	Butterbaugh Construction Co.*#	Arthur Butterbaugh	Box 35	Commodore 15729
33	C & A Coal Co. *	Wm. Sinclair	P. O. Box 789	Uniontown 15401
39,39A	C & C Coal Co. *#	Ronald Coleman		Kent 15752
32B	C & J Coal Co. *	Chas. M. Phillips	P. O. Box 82	Pt. Marion 15474
9,30,35A,36,				
37,46	C & K Coal Co. *#c	J. M. Hellman	Box 69	Clarion 16214
32	C & M Coal Co. *	C. B. Rupani, Sr.	R.D. 1, Box 49	Bulger 15019
40A	C & O Coal Co. *	Leo L. Ohler	R.D. 4, Box 14	Berlin 15530
41	C & P Coal Co., Inc. *	Dean Walker	571 E. Main St.	Somerset 15501
22	Cairnbrook Coal Co.,Inc. DM	Henry Vehoric	P. O. Box 86	Alverda 15710
38A	Calhoun, Dwight M. *	D. M. Calhoun	R. D. 1	Brockway 15824
24,42,43	Cambria Coal Co. *c	Alvan Arnold	P. O. Box 1507	Blandburg 16619
42,43	Cambria Mills Coal Co.,Inc.*	T. Merle Apple	R. D.	Fallentimber 16639
14	Cannel Coal Co., Inc. DM	Elwood Swank	R. D. 2	Kittanning 16201
11	Canterbury Coal Co. DMc	Mario Fasio	P.O. Drawer R	Avonmore 15618
33A	Carbonara Coal Co. *	Carl Carbonara	R.D. 6, Box 578	Uniontown 15401
33A	Car Can Coal Co., Inc. *	Floyd Carnicelli	R.D. 3, Box 371	Uniontown 15401
45	Cardinal Coal & Contr. Co. *	Leroy Burton	R.D.2, Box 177-A	Clearfield 16830
23,40A,41	Cardinal Mng. Co., The *c	Dale Testa	P. O. Box 127	Friedens 15541
17,45,46,47	Carlin, Inc., R. S. *c	David L. Spear		Snow Shoe 16874
31	Carlson Mining *#	Jack Carlson	R.D. 6, Box 267	New Castle 16101
10,35	Carpentertown Coal & Coke Co. DM*#c	David G. Batistig	Box 218	Templeton 16259

District	Operator	General Supt.	Address	Zip Code
9	Carroll Coal Trusts c		Box 153	Lucinda 16235
32	Casey Contr. Co., R. W. *	R. W. Casey	Box 361	Burgettstown 15021
33	Casselman Coal Sales Co. c	Steve A. Svonavec	R. D. 1	Friedens 15541
23	Cavanaugh, Reid J. *	R. J. Cavanaugh	R.D. 1, Box 27	Connellsville 15425
38	Caylor Coal Co. *	V. Glenn Caylor	R. D. 4	Punxsutawney 15767
	Central Cambria Drilling Co.%	Alvin H. Thomas	P. O. Box 207	Ebensburg 15931
44	Centre Fuel & Mineral *	Richard B. Turner	P. O. Box 506	Philipsburg 16866
9,36,37	Chernicky Coal Co., Inc. *c	R. P. Chernicky	P. O. Box 175	Shippensburg 16254
32B,33A	Chess Coal Co. *	Larry Chess	R.D. 1, Box 151	Smithfield 15478
37	Chutz Contracting Ltd. *	Mac Chutz	467 New Castle St.	Slippery Rock 16057
33A	Cicconi Coal Co. *	Todd Higenbotham		Brownsville 15417
36	Clarion Fossil Fuels Corp. *	M. A. Palo	P. O. Box 94	Clarion 16214
37	Clarion Realty Co. *		R. D. 1	Emonton 16373
45	Clearfield Limestone Corp. *	Jos. W. Michaels	620 Tyler Ave.	Clearfield 16830
33	Coal Energies, Ltd. @	W. T. McCartney	P. O. Box 877	Uniontown 15401
34	Coal Hill Contr. Co., Inc. *	Rhue J. Ogden	P. O. Box 1001	Clearfield 16830
23,40	Coal Junction Coal Co. *c	N. S. Critchfield	R. D. 1	Friedens 15541
34	Coal Processing, Ltd. @	Don Templeton	Box 113	Calumet 15621
33	Coal Processing Equip., Inc. @	W. T. McCartney	P. O. Box 877	Uniontown 15401
42	Coal Utilities Corp. *@	Paul J. Breth	R. D. 1	Barnesboro 15714
35	Cochran & Keller Coal Co., Inc. *#	Regis Matesic	Box 215B, Star R.	Apollo 15613
36	Colt Resources, Inc. *	James Uzmack	415 Wood St.	Clarion 16214
33	Columbia Coal Co. *	W. T. McCartney	P. O. Box 877	Uniontown 15401
14	Colwell Coal Co. c		Keystone Bldg.	Kittanning 16201
45A	Compass Coal Co., Inc.*	D. J. White	242 W. Mahoning	Punxsutawney 15767
41	Conemaugh Coal & Const.Corp.*	T. W. Shaw	Bren-Lin Village	Johnstown 15904
46	Confer Bros. Coal Co. *	Irvin L. Confer	Box 471	Milesburg 16853
5,6,12, 22,26	Consolidation Coal Co. DMc	D. D. Eyer	450 Racetrack Rd.	Washington 15301
45A	Continental Coal Co. *	Jos. J. Hilliard	R. D. 2	DuBois 15801
46	Cooks Run Coal Co., Inc. *	R. R. Spangler	Box 28	Wallacetown 16876
21,42	Cooney Bros. Coal Co. *c	Blaine Curtis	P. O. Box 246	Cresson 16630
14	Copper Valley Coal Co., Inc.DM	Charles Bash	R. D. 2	Homer City 15748
36	Cotterman, W. A. *	W. A. Cotterman	Box 586	Clarion 16214
22	Country Club Coal Co. DM	Ron Corl	818 12th St.	Windber 15913
34,34A	Cratty, Gower & Hydeuk Inc.*	Clark C. Cratty	P. O. Box 8814	Pittsburgh 15221
11	Creighton Hills Coal Co. DM	Steve Havrilesko	P. O. Box 272	Creighton 15030
8,12	Crescent Hills Coal Co., Inc.	DM J. A. Reggianni	Mellon Bk. Bldg.	Canonsburg 15317
23,40,40A	Croner, Inc. *c	Earl D. Croner	204 Broadway	Berlin 15530
44	Curtin Coal Co., Inc. *	Thos. G. Hickson	P. O. Box 355	Philipsburg 16866
34	D. C. Industries, Inc. *	D. F. Connolly	P. O. Box 147	Eighty Four 15330
32	DMB Services *	Bill Bogar	R.D.3, Highland A.	Avella 15321
31	Darlington Brick & Clay Products Co. *	L. H. Smith		Darlington 16115
35,36	Darmac Coal, Inc. *#	W. Chas. Olinger	Rt. 422E, R.D.5	Kittanning 16201
34,35,35A	Daset Mining Corp.*	Chas. J. Smith	Rt. 22	Delmont 15626
31	Davis Bros. Coal Co. *	D. W. Newman	Box 45	Imperial 15126
14	Davis Coal Co. DM	Claire J. Davis	R. D. 1	Creekside 15732
35	Daybrook Coal Co. *	James Douglas		Dayton 16222
2,14,36	Dean Contractor, Inc., Ernest C. *c	Robt. Laurich	Box 161	New Bethlehem 16242
23,40A	Decker Construction Co. *c	Robt. W. Decker	Box 216	Garrett 15542
38A	Deemer, Fred A., Jr. *	F. A. Deemer, Jr.	R. D. 1	Reynoldsville 15851
34	Deep Valley Coal Co. *	P. J. Fleck, Jr.	2326 Greentree	Carnegie 15106
36	Deitz, Donald W. *	D. W. Deitz	34 8th Ave.	Clarion 16214
23	Delta Coal Sales, Inc. c	D. L. Jones	P. O. Box 307	Grantsville,Md. 21536
40A	Delta Mining, Inc. *	Donald Jones	P. O. Box 307	Grantsville,Md. 21536
34	Dependable Coal & Const.Co.*	Leon R. Chiri	P. O. Box I	Imperial 15126
38A	DeSalve Mining *	Clark Ingram	612 Orient Ave.	DuBois 15801
34	Diamond Fuel Co. *	Wm. Fioze	Box 119	Clairton 15025
41	Diamond T Coal Co. *	Albert Orlando	P. O. Box 343	Somerset 15501
33	DiCenzo & Cuteri @		Box 15	Merrittstown 15463
15	Dixonville Mining Co. DM	Gerald Kephart, Jr.	Box 665	Indiana 15701
9,38A,46	Doan Coal Co. *#c	D. G. Doan	733 Jackson St.	Reynoldsville 15851
22	Doe Valley Coal Co. c	John Lee	Box 95	Windber 15963
40,41	Doraville Enterprises *	Oscar Marker	571 E. Main St.	Somerset 15501
32	Dosse, Victor *	Victor Dosse	Box 57	Venetia 15367
35A	Double A Coal Co. *#	Robt. E. Altmire	R.D. 2, Box 5-B	Vandergrift 15690
35	Doverspike, Gary C. *	G. C. Doverspike	R.D. 2, Box 188	Mayport 16240
14,38,38A, 39,43	Doverspike Bros. Coal Co.DM*c	D. J. Doverspike	R.D. 4, Box 271	Punxsutawney 15767

District	Operator	General Supt.	Address	Zip Code
32B	Dragan & Son *	S. J. Dragan	R. D. 2	Belle Vernon 15012
40	Drummond Coal Co. *	George Rusnak	323 Center St.	Boswell 15531
30	Duncan Coal Co. *	Alfred B. Duncan	R. D. 2	Slippery Rock 16057
39A	Dunkard Creek Coal, Inc. *#	Henry E. Bartony	1008 5th Ave.	Ford City 16226
4	Dunkard Mining Co. DM	Ernest Sauro	Box 8	Dilliner 15327
33	Dunn & Copetas Co. *	Chas. Jennette	423 RobinHood Ln.	McMurray 15317
4	Duquesne Light Co. DMc	A. R. Hood	R. D. 1	Greensboro 15338
34	Duquesne Slag Products Co. *	Jos. Battistella	355 5th Ave.	Pittsburgh 15222
33A	Dvorchak, Edward A. *	E. A. Dvorchak	R. D. 1, Box 104	Smock 15480
32,34,34A	E & J Contracting Co. *	Jos. E. Weaver	543 Locust Val.Rd.	Greensburg 15601
35	Eagle Mountain Coal Co. *	Isaac E. Reiner	Box A	Timblin 15778
40A,41	East Ridge Mining Co. *	Lynn Boyce	R. D. 1	Westover 16692
12,24	Eastern Associated Coal Corp. DMc	J. L. Corsaro	Koppers Bldg.	Pittsburgh 15219
49	Eastern Mining Co. *	John Percival	2525 Trenton Av.	Williamsport 17701
4	Eberhart, George R. DM	G. R. Eberhart	Box 114	Smithfield 15478
33A	Eberhart Coal Co., Ray Jr. *	R. Eberhart, Jr.	R.D. 1, Box 121	Smithfield 15478
31	Eckenrode Coal Co. *	Wayne Yerian	Box 444	Ellwood City 16117
44	Edgren Coal Co. *	Robt. Edgren	Box 142	Lanse 16849
45	Edmunds Contr. & Supply Co., Inc. *	W. F. Edmunds	P. O. Box 160	Frenchville 16836
33,34,34A	Eidemiller, Inc., Adam *	W. P. Eidemiller	R. D. 8	Greensburg 15601
32	Eighty Four Industries, Inc.*		P. O. Box 142	Eighty Four 15330
36	Elbe Contracting Co. *	John Rimer	R. D. 2	Summerville 15864
43,44,47	Elliot Coal Mng. Co.,Inc. *	Larry Kanour		Osceola Mills 16666
33	Emerald Energy Enterprises,Inc.*		R.D. 1, Box 259	Normalville 15469
3	Emerald Mines Corp. DMc	White Bourland	P. O. Box 871	Waynesburg 15370
17,43	Empire Coal Co., Inc. *c	D. J. Benjamin		LaJose 15753
32B	Energy Resource Corp. of America *	John Laurita	P. O. Box 718	Morgantown,WVa. 26505
40	Environmental Mng. Co., Inc.*	A. J. Shuttle,Jr.	Box 484	Somerset 15501
37	Equitable Coal Co. *	D. Reddinger, Sr.	R. D. 1	Cranberry 16319
35,35A	Erdley Bros. Const. Co. *	M. L. Erdley	R. D. 6	Kittanning 16201
46	Esquire Fuel Co. *	Ross Ferraro	688 Main St.	Brockway 15824
32,32A	Etna Equip. & Supply Co.,Inc.*	Andrew Hynick	P. O. Box 59	Bentleyville 15314
32	Ewing, Charles W. *	Chas. W. Ewing	141 Kearn St.	Imperial 15126
15	F. P. & K. Coal Co. DM	Chas. Pappal		Dixonville 15734
37	FW & RR Inc. *	Floyd E. Walter	R. 1	Harrisville 16038
36	Fagley, Robert L. *	R. L. Fagley	122 Merle St.	Clarion 16214
44	Fahr Coal Co. *	Larry Fahr	R.D. 1, Box 658B	Osceola Mills 16666
36	Fairhill Coal *	D. Hall	Box 234	Corsica 15829
46	Fairview Coal Co., Inc. *	John Buhler	P. O. Box R	Ridgway 15853
33A	Fast, Ira W. *	Ira W. Fast	P. O. Drawer 672	Masontown 15461
39A	Fello, Thomas A. *	T. A. Fello	R.D. 1, Box 127	Saltsburg 15681
34A	Felton Enterprises, Inc. *	Clifford Felton	Box 213	Loyalhanna 15661
14	Fetterman Coal Co. c		R. D. 1	Glen Campbell 15742
23,40,40A,				
41	Fetterolf Coal Co.,Inc.,M.F.*c	George Conklin	Box 68	Boswell 15531
46	Fink & Stackhouse, Inc. *	R. L. Stackhouse	2325 Newberry St.	Williamsport 17701
40A	Finzel, Stanley W. *	Gary Finzel	Box 155	Grantsville,Md. 21536
34,34A	Fiore Coal Co., Fred *	David Opfar	60 Clover Dr.	Pittsburgh 15236
35A	Fiore Development Co. *	Elmer Fiore	205 Monongahela	Glassport 15045
35A	Firestone Coal Inc. *#	Thos. Firestone		Kent 15752
17,47	Fisher Mining Co. *c	J. A. Blaschak,Jr.	901 Market St.	Williamsport 17701
17,43	Flango Bros. Coal, Inc. *	Orlando Flango	R. D. 1	Houtzdale 16651
34	Fleck, James F. *	Jas. F. Fleck	4316 Campbells Run Rd.	Pittsburgh 15205
44	Fleck Const. Co., G. C. *	Grover C. Fleck	538 11th St.	Phillipsburg 16866
16	Florence Mng. Co., The DMc	J. T. Nippes	P. O. Box 351	Seward 15954
40A	Fogle, Roland D. *	Leo Ohler	602 Diamond St.	Berlin 15530
32B	Ford & Gaskill *	Arch F. Rose	P. O. Box 305	Greensboro 15338
39A	Foreman, Edward *	Edward Foreman	Box 62	Black Lick 15716
42,44	Fran Contracting, Inc. *	Robt. Knittle	Box 28	Wallaceton 16876
39	Fran-Ru Enterprises, Inc. *		Box 11	Creekside 15732
45A	France Refr. Co., J. H. *			Snow Shoe 16874
4	Francis Fuel Inc. DM	Ernest Sauro	Box 8	Dilliner 15327
39A	Freeport Coal Co., Inc. *	Scott Saul	R.D. 1, Box 389	Apollo 15613
32A	Friend Const. Co., H. J. *	Harry Friend,Jr.	94 7th St.	Wellsburg,WVa. 26070
38A	Fye, Elmer *	Elmer Fye	R. D. 2	Reynoldsville 15851
42	GMK Co. @	M. D. Meehan	P. O. Box 408	Davidsville 15928
21	G. M. & K. Coal Co. c			Windber 15963
23,40	G. M. & W. Coal, Inc. DM*	C. Fred Hickman	Box 112	Jennerstown 15547

District	Operator	General Supt.	Address	Zip Code
43	G & R Stone & Coal Co. *		Madera	16661
33A	Gaggiani, Fred *	Fred Gaggiani	R.D. 1, Box 479	New Salem 15468
34A	Galando Coal Co. *	Joseph Galando	R. D. 2	New Alexandria 15670
44	Gallagher Coal Co. *	J. E. Gallagher	P. O. Box 92	Sandy Ridge 16677
32A	Garden Coal Co. *	Jos. K. Dorley	P. O. Box 1103	Uniontown 15401
17	Garden Coal Co., Inc. c		Kylertown	16847
34	Gary John Associates *	Geo. Kutsenkow	P. O. Box 69	Clairton 15025
26	Gateway Coal Co. DM	J. W. Connor	3 Gateway Center	Pittsburgh 15230
36,38A	Gearhart, Alvin *	George Krach	Junata St. Ext.	DuBois 15801
31	General Mines, Inc. *	L. W. Berresford	Box 177	Hanoverton, O. 44423
40A	General Refractories Co. *	Thos. W. Stanton	50 Monument Rd.	Bala Cynwyd 19004
13,32B,33,				
33A	Genovese Coal Co. *c	Theodore Genovese	General Delivery	Chalk Hill 15421
42	Gerbco, Inc. *		807 Main St.	Portage 15946
43	Gibson Excavating Co. *		P. O. Box 39	Westover 16692
9,36	Glacial Minerals, Inc. *c	Wm. C. Kriebel	8 S. 8th Ave.	Clarion 16214
9,39,45,45A,				
46	Glen Irvan Corp. DM*#	Irvan Stoker		Penfield 15849
14,38,38A	Glenn Coal Co., Div. of Champion Coal Co., Inc.*c			
40A,41	Glessner Mines *	Reno Wilson	105 W. Mahoning	Punxsutawney 15767
40A,41	Glessner Mines, R. H. *	Jas. S. Glessner	R. D. 2	Somerset 15501
15,39A	Glory Coal Co., Inc. DM*	R. H. Glessner, Jr.	R. D. 2	Somerset 15501
40	Godin & Goden Coal, Inc. *	John Polenik	R. D. 2	Clymer 15728
34A	Gold Builders & Contr., Inc.*	Harold E. Goden	R. D. 1	Boswell 15531
32,33,34	Golden Flame Fuel Co. *	Arthur J. Hild	4183 Sardis Rd.	Pittsburgh 15239
33	Goodwin, Wilbur S. *	Clyde McWilliams	P. O. Box 945	Uniontown 15401
34	Gorr, Richard *#	W. S. Goodwin	R.D. 3, Box 17-A	Smithfield 15478
44	Graham Bros. Coal Co. *	Richard Gorr	R.D. 1, Box 333	Elizabeth 15037
33	Grambay Coal Co., Inc. *		R.D. 1, Box E230	Woodland 16881
40	Gray Mining Co. *	Wm. Linberg	Box 28	Wallacetown 16876
34	Green, Inc., Walter *	R. L. Porsch	Box 157	Kimberton 19442
44	Greene Contr., Richard D. *	Jos. E. Green	R.D. 1, Box 158	Scottdale 15683
19	Greenwich Collieries Co., Div. of	R. D. Greene	R. D. 1	Woodland 16881
32B	Pennsylvania Mines Corp.DM# Nicholas Letizia Gregory & Sons, Inc., F. E. *c G. Gregory		111 W. High St. 8135 Snuffers School Rd.	Ebensburg 15931 Gaithersburg, Md. 20760
33A	Grigas & Ryan Coal Co. *	J. T. Ryan, Jr.	P. O. Box 398	Pt. Marion 15474
30	H & D Coal Co. *	Robt. Herndon	304 Hillcrest C.	Grove City 16127
9,36	H & G Coal & Clay Co., Inc.*c	James Uzmack	Box 245	Clarion 16214
41	H & H Coal Co. *	Fred E. Huston	1650 Arrow Rd.	Windber 15963
35,35A	H. & R. Coal Co. *	L. Earl Cravener	R.D. 1, Box 434	Kittanning 16201
43	H. & T. Coal Co. *	Leon Taylor	Box 790A	Osceola Mills 16666
47	Halfway Coalyard, Inc. *	Ed. B. Hall	Box 178	Snow Shoe 16874
42	Halstock, Inc. *	P. Swistock, Jr.	Penn Alto Hotel	Altoona 16601
44	Hamer, Ardell B. *	A. B. Hamer	Box 102	Wallacetown 16876
44,45	Hamilton Contracting Co., Al*	George Myers	R.D. 1, Box 41	Woodland 16881
43	Hamlin Coal Co., Inc. *#	Fred H. Lantz	P. O. Box 145	Shawville 16873
44,45	Hanslovan Coal Co., Inc., Ed *	E. Hanslovan, Sr.	Rt. 2, Box 230	Morrisdale 16858
32	Harasty Coal Co. @	C. M. Harasty	2026 Veronica St.	Pittsburgh 15212
46	Harbison-Walker Refractories*		2 Gateway Center	Pittsburgh 15222
35	Harman, Paul C. *	P. C. Harman	R. D. 1	Fairmount City 16224
35A	Harman Co., Inc., Paul C. *	P. C. Harman	34 8th Ave.	Clarion 16214
5	Harmar Coal Co. DMc	D. D. Eyer	450 Racetrack Rd.	Washington 15301
14,35,38	Harmon Coal Co. *c	John J. Harmon	Box 278	Dayton 16222
21	Harmon Mining Co. DM	L. E. Long	215 Main St.	Johnstown 15901
43	Hartman Contr., Inc., W.G. *	Don Gibson	Box 232	Philipsburg 16866
45A	Hartman Contractor, Warren C.*	Warren Hartman	R.D. 3, Bigler Rd.	Clearfield 16830
33	Hatalovich, Geo. & Wm. *	Geo. Hatalovich	R. D. 2	Charleroi 15022
30,34A,35,				
35A,39A	Hawk Contracting Inc. *	Fred B. Hawk	R.D. 1, Box 366A	Kittanning 16201
40A	Hay Mining, Robt. F. *	R. F. Hay	R. D. 1	Salisbury 15558
39A	Head Coal Co. *	Floyd Ruffner, Sr.	R. D. 3	Indiana 15701
25	Helen Mining Co., The DM	Geo. Fraicola	P. O. Drawer D	Homer City 15748
17	Helena Coal Co., Inc. c		Coal Run Jct.	Osceola Mills 16666
25	Helvetia Coal Co. DM	Robt. I. Billings	655 Church St.	Indiana 15701
33	Henry Coal Co. *	Wayne Martin	Box 244	Somerset 15501
9,43,45A	Hepburnia Coal Co. *c	Robt. G. Spencer	R. D. 1	Grampian 16836
22,41	Heshbon Coal Co., Inc. *c	F. R. Allison	1309 Midway	Windber 15963
33	Hibbs & Myers Coal Co. *	W. W. Hibbs	43 Foreman Ave.	Uniontown 15401
30	Highwall Mining Co. *	Richard D. Good	401 S. Water St.	Kittanning 16201
33	Hill, William *	Wm. Hill	608 E. Crawford	Connellsville 15425

District	Operator	General Supt.	Address	Zip Code
19	Hillsdale Mining Co. DM	Norman Cessna	R. D. 1	Barnesboro 15714
22	Hiysota Fuel Co., Inc. DM	Lloyd Manges	Box 336	Jerome 15937
44	Holland, Arden W. *	Leonard Thompson	P. O. Box 626	Philipsburg 16866
34	Holliday Constructors, Inc.*	John Seely		Holidaysburg 16648
39A,42	Homer City Coal Co. *	J. Raglani	Box 53	Homer City 15748
33	Horwath Coal Co. @	Louis E. Horwath	630 Clarendon	Uniontown 15401
35	Houser, Earl *	Earl Houser	R.D. 1, Box 206	New Bethlehem 16242
39	Houser, William C. *	Wm. C. Houser	R.D. 3, Box 187	Indiana 15701
35,35A	Houser Coal Co., Walter L.*	W. L. Houser	R.D. 1, Box 434	Kittanning 16201
33	Hughes, Sherwood *	Sherwood Hughes	1 Main St.	Dunbar 15431
22	Huston Coal Co. DM	L. R. Huston	R. D. 1	Central City 15926
34A	Hustosky, John *	John Hustosky	R.D. 1, Box 409	Dunbar 15431
34	Hydro-C Ltd. *	Curt Stauffer	P.O. Box 15151	Pittsburgh 15237
32A	I.S.C., Inc. *	Robt. Centinare	3755 Library Rd.	Pittsburgh 15234
38A,45,45A	Ingram Coal Co. *	Clark R. Ingram	R. D. 1	Weedville 15868
43	Iraca Coal Co., Joe G. *	J. G. Iraca	P. O. Box 547	Madera 16661
25	Iselin Preparation Co. c	Robt. I. Billings	655 Church St.	Indiana 15701
21	Island Creek Coal Co. DMc	E. L. Yanzetich	P. O. Box 271	Tire Hill 15959
33	J & B Coal Co. *	B. J. Bealko	49 Heritage Hills	Uniontown 15401
7,13	J & C Loading Co. c	Chas. F. Speggen	220 Cumberland	Masontown 15461
22	J & D Mining, Inc. DM	Jos. D. Caola	Box 67	Boswell 15531
38	J.O.T. Coal Corp. *	Homer Jeffrieo	P. O. Box 343	Punxsutawney 15767
41	J & P Mining Co., Inc. *	Joe Plavi	Box 58	Central City 15926
22	J. T. Coal Co. DM	John M. Toth	R. D. 1	Hooversville 15936
22	J. T. Coal Co., Div. of			
	Reitz Coal Co. DM	John M. Toth	509 15th St.	Windber 15963
36,37	Jack Bros. Construction Co. *	A. L. Jack	R. D. 1	Emlenton 16373
34A,35,35A	Jacobs Contracting Corp. *	Chas. J. Smith	U.S.Rt. 22	Delmont 15626
15	James Coal Mining Co. c		Box 134	Starford 15777
21	Jandy Coal Co., Inc. DMc	John A. Swick	Mine No. 40	Scalp Level 15963
33	Jebco Coal Co., Inc. *	Wm. J. Cornell	Box 968	Uniontown 15401
33	Jem Enterprises, Inc. @	Willard D. Myers	R.D. 1, Box 35	Lake Lynn 15451
17	Jill Mining Co., Inc. c		P. O. Box 8	Wallaceton 16876
4	Johnson Co., R. G. %	F. R. Shriver	25 S. College St.	Washington 15301
17,47	Johnson & Morgan *c	Don R. Johnson		Snow Shoe 16874
34	Johnston the Florist *	Frank Hernadez	P. O. Box 100	McKeesport 15134
14	Johnstown Coal & Coke Co. c	Wm. Neely	R.D.1, Box 172-A	Glen Campbell 15742
32	Joki, Russel W. @	R. W. Joki	R. D. 5	Finleyville 15332
44,45A	Jones Coal Co. *	Richard L. Jones	Box 173	Kylertown 16847
17,47,49	Jones & Brague Mining Co. *c	Raymond F. Brague	106 Carpenter	Blossburg 16912
8,13	Jones & Laughlin Steel Corp. DMc	J. W. Connor	3 Gateway Center	Pittsburgh 15230
32B	Jordan Coal Co. *	B. F. Jordan	R. D. 1	Dilliner 15327
32A	K.E.S. Enterprises, Inc. *	Kenneth E. Smith	R.D. 1, Box 123	Bentleyville 15314
41	K & G Coal Co. *	Frank Gerney	Box 201	Cainbrook 15924
38A	K.I.T. Industries *	L. J. Schmader	Lawn Drive	Lucinda 16235
33	Kaiser Refractories *		P. O. Box 60	Frostburg,Md. 21532
38,43	Kann Coal Co., Inc. *	Jay Shick	Box 243	Shippensburg 16254
11	Kaskan Coal Co. DM	Geo. Kaskan	R. D. 2	Vandergrift 15690
43,44	Kasubick Bros. Coal Co. *	Ray Kasubick	Charles St.	Houtzdale 16651
32B,33	Kelley Enterprises, Inc. *	Donald Kelley	P. O. Box 455	Fairchance 15436
31	Kelly Mining Co. *	Richard Gorr	2600 Buena Vista	Elizabeth 15037
34	Kendi & Sons, Inc., Paul W. *	P. W. Kendi, Jr.	R. D. 3	Mt. Pleasant 15666
14	Kennedy Coal Co. DM	Ronald Kennedy	R.D. 5, Box 126	Punxsutawney 15767
1,30,31	Kerry Coal Co. *c	Vernon Y. Kerry		Portersville 16051
38	Keystone Mining Co. *	R. Dean Neal	R.D. 2, Box 162	Punxsutawney 15767
35	Keystone Portland Cement Co.*	S. Schoonover		Bath 18014
30,35A,40A	King Coal Co. *	Dennis Noll	233 N. Craig St.	Pittsburgh 15213
32B	King Knob Coal Co., Inc. *	Jess Anderson	P. O. Box 268	Clarksburg,WVa. 26301
43	Kitko, Francis B. *	F. B. Kitko		Madera 16611
14	Kniseley Coal Co. DM	F. Caltagarone	P. O. Box 158	Reynoldsville 15851
42	Kolak, John *	John Kolak		Ashville 16613
34A	Kowalski, Frank *	F. Kowalski	1742 Greensburg	New Kensington 15068
38A	Krach & Gearhart *	Geo. Krach	R. D. 2	DuBois 15861
34A,35A	Kravetsky, Charles *	Chas. Kravetsky	R.D. 1, Box 194	Avonmore 15618
14	Kraynak Coal Co. DM	Thos. Kraynak	R. D. 1	Glen Campbell 15742
65	Krieger Coal, Inc. *	Jas. Krieger	R. D.	Saxton 16678
17,43,44,				
45,46	Kristianson & Johnson Coal Co.*c	M. H. Valler		Lanse 16849
33A	Krueck, Steve *	Steve Krueck	R.D. 6, Box 422	Uniontown 15401
32,33	Kuhar, Mike *	Mike Kuhar	Box 73	Bentleyville 15314
1	Kutsch Coal Mine, Inc. DM	Geo. Kutsch	497 Lardintown	Sarver 16055

District	Operator	General Supt.	Address		Zip Code
33	Kutsenkow, George *	Geo. Kutsenkow	P. O. Box 69	Clairton	15025
65	L & B Coal Co. *	Raleigh Barnett		Waterfall	16689
35	L & E Construction & Equipment Co., Inc. *	Leon L. Echnoz	R. D. 7	Kittanning	16201
3	L & J Docks c		R. D. 1	Greensboro	15338
9	Lady Jane Collieries, Inc.DM	Norman Wetzel	P. O. Box 130	Phillipsburg	16866
34A,35A	Lakeside Coal Co., Inc. *	A. E. Shawley	P. O. Box 266	Apollo	15613
1	Lakeview Processing Corp. c		Box 283	Hilliards	16040
39	Lamkie Coal Co., Inc. *	D.J. Benjamin		LaJose	15753
19	Laney Coal Co. DM	Marlin Laney	R. D. 2	Barnesboro	15714
32B	Lang Brothers, Inc. *	Robt. Webb	P. O. Box 910	Bridgeport,WVa.	26330
43,44	Lansberry Coal & Exc. Co. *	J. B. Lansberry	R. D. 1	Woodland	16881
30	Large Coal Co., Inc. *	James Rowe	476 Rte. 51	Large	15025
41	Lasky Const. Co., Inc. *	Stanley Lasky	R.D. 1, Box 89-C	Holsopple	15935
34A	Latimer Brothers *	Dale Latimer	P. O. Box 292	New Alexandria	15670
33	Laurel Ridge Coal, Inc. *	E. Nicholson, Jr.	518 McKean Ave.	Charleroi	15022
33A	Laurita Trucking, Jerry *	Jerry Laurita	R.D. 1, Box 137	Pt. Marion	15474
33A	Lavery, Elzie E. *	E. E. Lavery	424 S.Mt.Vernon	Uniontown	15401
32B,33	Lawrence Coal Co. *	J. V. Filiaggi	R.D. 6, Box 632	Uniontown	15401
42	Lawrence Resources *	Jos. A. Kirsch	807 Main St.	Portage	15775
36	Leadbetter Coal Co. *	Allen Leadbetter	R. D.	Strattanville	16258
38A	Leasure Coal Co. *	Chas. Bankosky	R. D. 3	Indiana	15701
42	Lechene Coal Co., Inc. *	Leo L. Lechene	R.D. 1, Box 364A	Patton	16668
11	Leechburg Mining Co. DM	G.E. Rittenberger	320 Canal St.	Leechburg	15656
32B	Leeland Development *	Lewis Brumley		Dilliner	15327
30	Lineal Industries, Inc. *	J. Donald Morgan	P. O. Box 4459	Pittsburgh	15205
41	Lochrie, Gilbert *	Howard Lochrie	702 Park Rd.	Windber	15963
44	Long Coal Co., A. W. *	Wm. A. Long	1203 Presqueisle	Phillipsburg	16866
21	Longwall Mining, Inc. DM	Geo. Ledney		Windber	15963
42	Lovell, Allan E. *	A. E. Lovell	Box 73	Blandburg	16619
65	Low Vol Energies, Inc. *	Myron W. Corle	Box 418	Broad Top City	16621
11	Loyal Creek Coal Co. DM	Robt. Helfer	Box 200	Slickville	15684
30	Lucas Coal Co. *	A. J. Lucas	100 E. Poplar St.	Grove City	16127
30,37	Lucas Coal Co., Inc. *	David Bitzer	107 Breckenridge	Grove City	16127
36	Lucinda Coal Co., Inc. *	Patrick Carroll	Box 153	Lucinda	16235
22	Lunar Mining, Inc. DM	Ron Corl	P. O. Box 145	Windber	15963
33A	Luzerne Coal Corp. *	Wayne D. Wilson	Box 50	E. Millsboro	15433
21	M. & K. Coal Co. c			Windber	15963
42	M & K Coal Co. @	M. D. Meehan	P. O. Box 408	Davidsville	15928
44	M & M Construction Co. *	D. J. McDowell	R.D., Box 33	Morrisdale	16858
35,35A,42	M & M Mining, Inc. *	Kenneth Morchesky	R. D. 1	Carrolltown	15722
39	M & R Coal Co. *		Box 388	Rochester Mills	15771
36	MSM Coal Co., Inc. *	Robt. Lyle	P. O. Box 34	Corsica	15829
39A	Mac-Mar, Inc. @	Jas. S. McLaren	R.D. 4, Box 250	Blairsville	15717
34	Manor Mines, Inc. DM	Charles Bash	R. D. 2	Homer City	15748
35A	Manor Minerals, Inc. *	Wm. F. Stitt	265 S. Jefferson	Kittanning	16201
9	Manor Mng. & Contr. Co. DM	Edward Hull		Bigler	16825
32	Marick, Inc. @	M. J. Rosecrans	600 Clemson Dr.	Pittsburgh	15243
14,39,39A	Marion Center Mining Co. *c	R. D. Kinter	31 6th St.	Clymer	15728
23	Mark Mining, Inc. DM	Nick Villa	P. O. Box 84	Somerset	15501
14,35,38	Markle-Bullers Coal Co. *c	Chas. E. Powell	Keystone Bldg.	Kittanning	16201
33,33A	Marsolino Coal & Coke, Inc.*	Robt. Smouse	P. O. Drawer X	Uniontown	15401
35	Martin Coal Co., James E. *#	J. E. Martin	R. D. 1	Templeton	16259
6	Mathies Coal Co. DM	R. A. McGregor	450 Racetrack Rd.	Washington	15301
9,35,36,38	Mauersberg Coal Co. *c	Robt. Mauersberg		Sigel	15860
36	Mays Coal Co. *	J. A. Mays, Jr.	P. O. Box 447	Clarion	16214
42	Mazzarella Coal Co. *	R. Mazzarella	338 Myers St.	Ebensburg	15931
34	Mazzaro Coal Co. *	C. M. Captline	Box M	Clinton	15026
40	McClintock, J. Lloyd *	J. L. McClintock	R. D. 1	Rockwood	15557
34A	McCracken Energies, Inc. *	Jack B. Shaw	2710 Bedford St.	Johnstown	15904
45A	McDonald Land & Mng. Co., Inc.*	F. W. McDonald	P. O. Box 104	Grampian	16838
34	McGal Coal Inc. *	Anthony Ruscitto	R. D. 2	Charleroi	15022
44	McGovern Coal Co., Clair *	Clair McGovern		Karthaus	16845
15,35,35A,39,39A	McIntire Coal Co., Wm. J.*#c	Ronald McIntire	P. O. Box 171	Shelocta	15774
15,35A,38A,39,43	Mears Coal Co. DM*#c	Kerry Mears	Box 188	Dixonville	15734
31	Medusa Cement Co. *	R. L. Everhart	P. O. Box 37	Wampum	16157
33A	Medved Mining Co. *	Harold Medved	R.D. 1, Box 26	Lake Lynn	15451
34	Mehrer, Emil W. *	E. W. Mehrer	939 Sunset Dr.	Greensburg	15601
33	Menallen Coke Co. *	Wm. Nobel	Box 458	New Salem	15468
40,41	Metco Mng. & Minerals, Inc. *	Dwayne R. Martin	531 N. Center St.	Somerset	15501

District	Operator	General Supt.	Address	Zip Code
5	Micale Farm Supply, Joe c	Jos. A. Micale	Box 7	Rural Ridge 15075
32	Midway Coal Co. *	F. W. Kramer	Box 241	McDonald 15057
34	Mikel, Edward *	Edward Mikel	R. D. 1	W. Newton 15089
36	Miles, Clyde *	Clyde Miles	R. D. 2	Summerville 15864
36	Miles Coal Co., Steven C. *	Clyde Miles	R. D. 2	Summerville 15864
40A	Miller, Harold E. *	H. E. Miller	R.D. 3, Box 219	Meyersdale 15552
34	Miller, Nelson L. Jr. *	N. L. Miller	4th St. Ext.	Sutersville 15083
1,30,31	Miller & McKnight Coal Co., Inc. *c	Gary McKnight	R. D. 2	Slippery Rock 16057
34A	Milrock Mining, Inc. *	Robert Miller	Box 31	Champion 15622
31	Mineo Coal Co., Samuel *	Sammuel Mineo	645 3rd Ave.	Koppel 16136
37	Mineral Hill Corp. *	Emil Lucas	558 Beatty St.	Grove City 16127
36	Minich Coal Co. *	John Minich	R.D. 2, Box 115	Mayport 16240
33	Minor, Walter Jr. *	W. Minor, Jr.	Box 31	New Geneva 15467
35	Monroe Contract Corp. *	Leo Indyk	2432 Lincoln Way	McKeesport 15131
38	Moore Coal Co., Everett *	Glenn Moore	304 Indiana St.	Punxsutawney 15767
47	Moore & Son, Inc., W. G. *	Walter Johnson	314 N. 4th St.	Philipsburg 16866
34,34A	Morcoal Co. *	Richard McClure	100 W. Otterman	Greensburg 15601
9,45	Moshannon Falls Mng. Co., Inc. *c	A. E. Woolridge	P. O. Box 472	Clearfield 16830
32	Mt. Thor Minerals, Inc. *#	Harry Humphreys	P. O. Box 127	W. Middletown 15379
23	Mountain Mng. Co., Inc. DM	John N. Toth	P. O. Box 221	Somerset 15501
32A,32B	Nardei Contr. Co., Inc. *	Gildo Santella	437 Railroad St.	Bridgeville 15017
30A	Nastasi Coal Co. *	James Nastasi	R. D. 1	Hilliards 16040
13	National Mines Corp. DMc	R. E. Rusnock		Isabella 15547
38	Neal Coal Corp., Howard *	J. J. Bearer	134 S. 6th St.	Indiana 15701
39A	Negley Coal Co. *	Merle Negley	R. D. 1	Saltsburg 15681
3	Nemacolin Mines Corp. DMc	White Bourland	P. O. Box 158	Nemacolin 15351
65	New Enterprise Stone & Lime Co., Inc. *			New Enterprise 16664
45A,46	New Shawmut Mng. Co. *#	A. J. Palumbo	406 Church St.	St. Marys 15857
35A	Nicholson Run Coal Co. *	T. E. Johnson	451 Ford City Rd.	Freeport 16229
33	Nicholson & Shepler *	Dave Shepler	R. D. 1	Champion 15622
16,25	North American Coal Corp., The DMc	G. A. Marshall		Seward 15954
45	North American Refr. Co. *	E. R. Swanson		Curwensville 16833
17,34A,35,39,39A,42	North Cambria Fuel Co. *#c	J. J. Bearer	1st Nat'l Bk.	Spangler 15775
22	North Somerset Mining & Contr. Co., Inc. DM	Maurice Troska	P. O. Box 96	Hooversville 15936
34	North Star Coal Co. *	David T. Aloe	Box 50	Imperial 15126
33	Oak Run Coal, Inc. *	Frank Sabatine	P. O. Box 576	Uniontown 15401
35,39	Oak Tree Coal Co. *	Richard Leasure	R. D. 3	Indiana 15701
33	Oberlechner, Steve *	Steve Oberlechner	R.D. 1, Box 440	McClellandtown 15458
34	O'Brien & Son, Inc., Wm. H. *	Kenneth Hall	508 Old Frankstown	Monroeville 15146
34A,39,39A	Old Home Manor, Inc. *	R. L. Leasure	R. D. 2	Homer City 15748
32B	Omni Energy Corp. *	D. O. Campbell	P. O. Box 281	Carmichaels 15320
15	Oneida Mining Co., The DMc	Gene J. Jones	P. O. Box 367	Ebensburg 15931
40A	Onyx Mining, Inc. *	F. Naugle	100 Jefferson Heights Dr.	Pittsburgh 15235
34	Overly, L. W. *	L. W. Overly	R. D. 1	Mt. Pleasant 15666
38A,45,45A,46	Owens Coal Mining Co. *	Jos. A. Owens	R. D. 1	Penfield 15849
22,23,40,41	PBS Coals, Inc. *c	Clark Heist	P. O. Box 70	Central City 15926
35A	P & L Coal Co., Inc. *	Peary Faerster	R. D. 3	Ford City 16226
49	P & M Coal Co. *	J. S. Percival	248 Main St.	Blossburg 16912
9,14,35,38,38A	P & N Coal Co., Inc. *#c	D. J. White	242 W. Mahoning	Punxsutawney 15767
39,43,46	PNBP Coal Co. *	Robert Ankney	R. D. 2	Boswell 15531
34	P & Y Coal Co., Inc. *#c	Jas. A. Yeane	R. D. 2	Mayport 16240
9,38	Pangarsis Coal Co. *	Edward Pangarsis	R.D.2, Shirley Ln.	Oakdale 15071
32	Parnell, James *	Robert Trump	129 Beverly Rd.	Pittsburgh 15216
34	Partner Coal Co. DM	Adam Greece	R.D. 4, Box 245	Apollo 15613
11	Patrick, Richard *	Rich Patrick	P. O. Box 836	Connellsville 15425
34A	Patterson Coal Co. *	T. B. Patterson, Jr.	R.D. 2, Box 335	Smithfield 15478
32B,34	Paulisick, Robert M. *	R. M. Paulisick	171 Stotler Dr.	Delmont 15626
34A	Peggs Run Coal Co., Inc. DMc	Jack S. Courtney	P. O. Box 184	Shippingport 15077
26	Pelbro Fuel, Inc. *#	Nestor Peles	R. D. 1	Glen Campbell 15742
39A	Peles Coal Co., Inc. *	Joseph Peles	R. D. 1	Glen Campbell 15742
39A,42,43	Pembroke Coal Co. c	Charles Aurndt	P. O. Box 245	Garrett 15542
23	Pengrove Coal Co. *	Leonard Chutz	R.D. 3, Box 3629	Greve City 16127
37	Penn Aggregates *	Sam Laspina, Jr.	R. D. 2	Irwin 15642
34,34A	Penn Coal Co., Inc. *	L. & R. Thompson	R.D., Box 626	Philipsburg 16866
44				

District	Operator	General Supt.	Address	Zip Code
11	Penn Allegh Coal Co., Inc. DMc	Edward Michaels	P. O. Box 238-A	Tarentum 15084
23,40A	Penn Pocahontas Coal Co. *c	Jas. T. Arnone	P. O. Box 248	Garrett 15542
32A,34	Penn Sherman Corp. *	John Taras	R.D. 1, Box 91	Bentleyville 15314
40,41	Penn Somerset Corp. *#	John Gould	Box 150	Latrobe 15650
35A	Penn Terra, Inc. *		500 Brown Ave.	Turtle Creek 15145
32A	Penn-United Energies, Inc. *	Frank Cortez	P. O. Box 2388	Wintersville, O. 43952
42	Pennsylvania Energy Corp. *	Jas. W. Stufft	P. O. Box 518	Johnstown 15907
33A,39	Pennsylvania Mineral Co. *	J. R. Slate, Jr.	500 Lloyd Ave.	Latrobe 15650
32	Pennweir Construction Co. *	Keith Johnson	401 Penna. Ave.	Weirton, WVa. 26062
45A	Pentz Coal Co., Inc. *	Drexel Pentz		Grampian 16838
49	Percival, John *	Robt. W. May	R. D. 1	Canton 17724
47	Percival, Paul *	Wm. Martz	R. D. 1	Canton 17724
1,30,31	Perry Bros. Coal Co. *c	Russell Snyder	Box 1163	Sharon 16146
32	Petricca Coal Co. *	Jas. Petricca	R. D. 2	Burgettstown. 15021
37	Phillips, Merle H. *	M. H. Phillips	R.D. 2, Box 50	Sligo 16255
34A	Piccolomini, William *	Wm. Piccolomini	213 W. Wash. Ave.	Connellsville 15425
43,44	Pike Coal Co. *	R. H. Thompson		Morrisdale 16858
31	Pittsburgh Refractories, Inc.*	Robert Holzer	R.D.1, Box 162	New Galilee 16141
34A	Polar Coal Co. *#	J. J. Jolly		Greensburg 15601
33A	Pontorero & Sons Coal Co. *	Paul Pontorero	231 S. Water St.	Masontown 15461
22	Potochar & Potochar Coal Co.DM	Jos. Potochar	R. D. 1	Hooversville 15936
43,44,47	Proter Contracting Co., Inc. *	Larry Kanour		Philipsburg 16866
32	Potter Bros. Coal Co. *	Mike Protz	R.D. 2, Box 143A	W. Newton 15089
33	Purco Coal, Inc. *#	A. J. Ripepi	R.D. 2, Box 384	Monongahela 15063
33A	Puskar, John J. *	J. J. Puskar, Jr.	R. D. 1	Dawson 15428
46	Quinn Coal & Clay Mines *	T. W. Quinn	P. O. Box 347	Emporium 15834
34	R.A.S. Excavating Co. *	Harry Finney	R. D. 1	Oakdale 15071
9,35,36,38,				
38A	R.E.M. Coal Co., Inc. *c	Amor D. Bullers	271 Main St.	Brookville 15825
39A	R & L Development Co. *	Dale Latimer	P. O. Box 292	New Alexandria 15670
46	R & R Coal Co. *	Ralph T. Rogos	P. O. Box A-1	Brockway 15824
34A	R & R. Salvage, Inc. *	Robt. Ressler	404 33rd St.	McKeesport 15135
32B	R & S Coal Co. *	Ron Stankola	R. D. 1	Dilliner 15327
40,41	Ram Construction Co. *	J. M. Lastooka	R.D. 2, Box 1-C	Canonsburg 15317
39	Rayne Mining Co. *	Robt. P. Neese	R. D. 2	Indiana 15701
38,39	Red Gap Coal Co. *#	Willis D. Gardner	P. O. Box 179	Glen Campbell 15742
35,36	Reddinger, Terry *	Dennis Reddinger	Box 58	Distant 16223
44	Reese Brothers *		709 McAteer St.	Houtzdale 16651
45	Reese Coal Co., Inc., Philip *	Philip Reese		Karthaus 16845
36	Reichard Paving & Exc., Gene*	Gene Reichard	R. D. 3	New Bethlehem 16242
22	Reitz Coal Co. c	John Lee	509 15th St.	Windber 15963
1,5,8,12	Republic Steel Corp. DMc	J. R. Eaton	Fayette Bk.Bldg.	Uniontown 15401
38A	Rice Coal Co. *	Max Rice	711 Edward St.	Philipsburg 16866
65	Richards, Kenneth G. *	Geo. R. Mellott	810 LincolnWay E.	McConnellsberg17233
22	Richland Coal Corp. DM	Ernest Martinage	R.D.1, Box 434	South Fork 15956
33A	Richter Trucking Co. *	Orvilla Richter	1425 Chestnut	S.Connellsville15425
42	Ridge Mining Co. *	Theodore Seskey	R. D.	Ashville 16613
9,44,45,46,				
47	River Hill Coal Co., Inc. *c	Raymond Larson		Kylertown 16847
10,35A	Rob Coal Co. *c	C. O. Creel	P. O. Box 188	Apollo 15613
33	Robbie Coal & Fuel, Inc. *	Robbie Rose	R.D.2, Univ. Dr.	Dunbar 15431
34	Robinson, Alice K. *	L. Robinson, Jr.	107 Mt. BlaineDr.	McMurray 15317
10,15,35A,	Rochester & Pittsburgh			
39A	Coal Co. DMc	R. I. Billings	655 Church St.	Indiana 15701
37	Rockland Mining Co. *	J. P. Siegel	93 S. 7th Ave.	Clarion 16214
37	Romanko Bros. Enterprises, Inc.*	Wm. Romanko	R. D. 1	Kennerdell 16374
33,33A,34,				
34A	Rondell Co., The *@	Wendell Charles	R.D. 3, Box 536	Monongahela 15063
33	Rose Coal Co., John C. *	J. C. Rose	Railroad St.	Dunbar 15431
32A,33A	Rostosky Coal Co., Joseph *	Jos. Rostosky	R.D. 3, Box 112	Monongahela 15063
34	Rosini's Inc. *	Edward Pangersis	R.D.2, Shirley Ln.	Oakdale 15071
44	Roy Coal Co., Inc. *	Roy Mays		Olanta 16863
33A	Ruane Arnold Coal Co. *	M. J. Ruane	Box 278	Hopwood 15445
33	Ruane Coal & Coke Co. *	J. R. Ruane, Jr.	Box 485	Fairchance 15436
39	Ruffner Coal Co. *	Floyd Ruffner	R. D. 3	Indiana 15701
43	Ruffner Coal Co. *	James Ruffner	Box 263	Madera 16661
32B	Rumble Coal, Jim *	Jim Rumble	R. D. 1	Greensboro 15338
17	Rushton Mining Co. DMc	Blair Rickard	P. O. Box 589	Philipsburg 16866
34	Russo, Joseph S. *	J. S. Russo	544 Center New Texas Road	Pittsburgh 15239
44	Ryan Bros. Coal Co. *	Robt E. Ryan	P. O. Box 177	Hyde 16843
44	Ryan Estate, Wm. W. *	T. M. Ryan	P. O. Box 526	Clearfield 16830

District	Operator	General Supt.	Address	Zip Code
30	S.B.P. Coal Co. *	Darrell J. Keihl	Box 30	Kittanning 16201
30	S & C Pipeline Co. *	Jos. Smeltzer	200 Willow	
			Crossing Rd.	Greensburg 15601
17	S & D Trucking Co. c		P. O. Box 178	Snow Shoe 16874
33A	S.D.S./Const. Co., Inc. *	Chas. McClain	Box 322	Republic 15475
38	S & M Coal Co. *		R. D. 6	Kittanning 16201
45	SRP Coal Co., Inc. *	Robt. C. Penoyer	P. O. Box 433	Clearfield 16830
40A	S & S Coal Co. *	Donald Soberdash	R. D. 1	Rockwood 15557
35A	S & S Coal Co., Inc. *	J. Merle Smith	R. D. 1	Avonmore 15618
39A	Sable, James R. *	J. R. Sable	2801 Freeport Rd.	Pittsburgh 15238
45A	Sadoti Coal Co., Nick *	Bruce Graham	P. O. Box 225	Clearfield 16830
33A	Sager Coal Co. *	J. R. Slate, Jr.	R. D. 1	Belle Vernon 15012
22	St. Thomas Coal Co. DM	Joseph Gallo	509 15th St.	Windber 15963
33	Sang Coal Co. *	Jas. V. Filiaggi	R.D. 6, Box 632	Uniontown 15401
40A	Sanner Bros. Coal Co. *	Robt. Sanner	R. D. 1	Rockwood 15557
23,40 A	Sanner Coal Co., Div. of River Hill Coal Co., Inc. *c	Robert Sanner	R. D. 3, Box 138A	Meyersdale 15552
41	Schmidt Coal Co., Wm. *	Wm. Schmidt	R. D. 1	Champion 15622
23,40A,41	Scurfield Coal, Inc. *c	Wm. E. Scurfield	226 Main St.	Berlin 15530
30	Sechan Limestone Ind., Inc. *	R. J. Sechan, Jr.	R. D. 1	Portersville 16051
41	Shade Mining Co. *#	D. R. Hoffman	P. O. Box 121	Friedens 15541
40A	Shafer Coal Co., Walter F. *	W. F. Shafer		Listonburg 15457
36	Shaffer, Cecil *	Cecil Shaffer	R. D. 1	Apollo 15613
41	Shaffer, Myron *	Myron Shaffer	801 Shady Lane	Windber 15963
38A	Shaffer Mining Co. *	C. J. Shaffer	R. D. 5	Punxsutawney 15767
43,45A	Shale Hill Coal Co., Inc. *	Vernon Spencer		Grampian 16838
9,36	Shannon Coal Co. *#c	J. M. Hellman	Box 69	Clarion 16214
39A	Shaw Coal Co. *@	R. D. Shaw, Jr.	R. D. 2, Box 255	Homer City 15748
9,45,45A,46	Shawville Coal Co. *c	Robt. D. Depp	P. O. Box 34	Shawville 16873
34A	Shearer Development Corp. *	R. Scott Shearer	P. O. Box 377	New Alexandria 15670
44,45	Shiloh Contracting Co. *	O. P. Reese	R.D. 1, Box 343	West Decatur 16878
36,37	Siegel, Thomas E. *	T. E. Siegel	R.D. 2, Box 618A	Shippensburg 16254
9,36,37	Siegel Coal Co., Harold A. *c	H. A. Siegel	P. O. Box 626	Clarion 16214
43,44,45	Simca Mining, Inc. *	Geo. Shimchock	405 James St.	Curwensville 16833
32	Simpson, Robert L. *	Robt. L. Simpson	1000 Furlong Ave.	Roscoe 15477
39	Sivard Bros. Coal Co. *	Budd E. Sivard	R.D. 1, Box 199	Clymer 15728
40A	Slifco Bros. Coal Co. *	John Slifco	R. D. 3	Berlin 15530
30	Smith, Lester E. *	L. E. Smith	R. D. 2	Worthington 16262
34A	Smith, Victor P. *	V. P. Smith	P. O. Box 242	Ligonier 15658
38A	Smith Coal Co. *	Calvin Smith	R. D. 1	Reynoldsville 15851
38A	Smith Coal Co., A. A. *	Jas. A. Smith	R.D.2, DuBois Rd.	Brockway 15824
34A,39A	Smith's Blacktop Paving Co. *	Albert Smith	R.D. 1, Box 302	Derry 15627
33A	Snyder, Curtis *	Curtis Snyder	R. D. 1	Acme 15610
38	Snyder, Marlin L. *	M. L. Snyder	Box 109	Timblin 15778
2,35A	Snyder Co., C. H. *c	Thos. C. Snyder	P. O. Box 10	Kittanning 16201
33A,40A	Soberdash Coal & Coke Co. *	Thos. Soberdash	R.D. 1, Box 426A	Dunbar 15431
22,23,40,41	Solar Fuel Co., Div. of Western Ind., Inc. DM*c	Kenneth Ross	P. O. Box 488	Somerset 15501
32A,33,34	Solomon & Teslovich, Inc. *	David E. Baker	P. O. Box 768	Masontown 15461
34,34A	Spec Coal *	R. E. Ankney	R. D. 2	Boswell 15531
32B	Sperko Coal, Robert *	Robt. Sperko	R.D. 1, Box 400H	McClellandtown 15458
23	Spewock, Theodore DM	Theodore Spewock	R.D. 5, Box 25D	Latrobe 15650
34	Spotlight Coal Co., Inc. *	Walter Overly	3940 Monroeville Boulevard	Monroeville 15146
38	Spring Valley Coal Corp., Inc. *F.	Lingenfelter	R.D. 5, Box 218	Punxsutawney 15767
39	Spruce Hill Coal Co. *	R. A. Lewis	R. D. 2	Cherry Tree 15724
9,36,38,38A	Stahlman Coal Co., Inc., W.P. *#c	Ed. Best	P. O. Box 69	Clarion 16214
38	Stanford, Richard *	Richard Stanford	R.D. 5, Box 138	Punxsutawney 15767
23,40,40A	Star Coal Co. DM*	A. Kukenberger	P. O. Box 408	Davidsville 15928
40	Star Minerals Co. *	LeRoy Miller	P. O. Box 408	Davidsville 15928
42	Starford Coal Corp. *	Clark Freed	205 Masonic Bldg.	Ebensburg 15931
38A	Starr Coal Co. *	Ivan Starr, Jr.		Brockport 15823
35A	State Industries, Inc. *	Thos. C. Snyder	P. O. Box 10	Kittanning 16201
32A	Steam Systems Sales & Service, Inc. *	Robt. Johnson	R.D.2, Park Av. Ex.	Monongahela 15063
32	Stefkovich Bros., Inc. *	Albert Stefkovich	R. D. 2	Avella 15312
24	Stella Maris Coal Co. DM	Terrence Johnston		Dysart 16636
17,44,47	Stott Coal Co., Inc., Jas. M. *c	John Murgas	P. O. Box 130	Philipsburg 16866
38,45A	Strishock Coal Co. *	S. A. Strishock	P. O. Box 258	Brockway 15824
35	Strongarm Coal Co. *	Richard Shaw, Jr.	R. D. 2	Homer City 15748
38A	Sugar Hill Limestone Co. *	R. A. Smith	Box 69	Reynoldsville 15851
40A	Summit Coal Co. *	Lee Stockwell	R. D. 6	Somerset 15501

District	Operator	General Supt.	Address	Zip Code
40A	Sun Coal Co. *	Homer C. Bowers	R. D. 1	Salisbury 15558
1,30	Sunbeam Coal Corp. *c	W. L. Harger	Box 5	Boyers 16020
23	Svonavec Coal Co. c	Steve A. Svonavec	R. D. 1	Friedens 15541
40	Svonavec, Inc. *	Steve A. Svonavec	R. D. 1	Friedens 15541
33A	Swenglish Coal Co. *	L. Swenglish	R.D. 4, Box 614	Uniontown 15401
65	Swistock, Inc. *		P. O. Box 232	Philipsburg 16866
42	Swistock & George *	Peter Swistock	Box 275	Houtzdale 16651
39	T L H Coal Co. *#	B. R. Loughry	R. D. 1	Rochester Mills 15771
38A,44	T. & T. Clay & Coal Co. *	Clinton Thompson	209 Spruce St.	Philipsburg 16866
46	Tamburlin Bros. Coal Co., Inc. *	Gary L. Tamburlin	R. D. 1	Brockport 15823
35	Taylor, Robert F. *	Clifford Felton	M.R. 10	Kittanning 16201
33	TeDesco, William K. *	Wm. K. TeDesco	Box 143	Wyano 15695
32,32A	Teer Co., Nello L. *	C. Dwight Latham	P. O. Box 11	Eighty Four 15330
9,45	Teeter Coal Co., John *c	John Teeter, Jr.	P. O. Box 257	Martinsburg 16662
14	Terry Coal Sales, Inc. c		Box 58	Distant 16223
2	Tesone Coal Co. DM	Otis Sherry	Box 105	Petrolia 16050
9,38A,45A	Thomas Coal Co., Inc. *c	Fahy W. McDonald		Grampian 16838
38A	Thomas Fuels, Inc. *	Phil Marchiori	R.D. 2, Box 244	Brockway 15824
44	Thompson Bros. Coal Co., Inc. *	Leonard Thompson	R.D., Box 626	Philipsburg 16866
44	Thompson Coal Co., John A. *	Jas. G. Hudson	P. O. Box 967	Clearfield 16830
31	Thompson Mining Co. *	Duane Burt	3379 E. Garfield	New Springfield, Ohio 44443
40A,41	Three S Coal Co. *	Millard R. Swank	Box 237	Stoystown 15563
30	Tiche Limestone & Const. Co. *	Zetta Tiche	R. D. 1	Boyers 16020
8,32A	Tremont Mining Co. DM*	Edward Baker	R. D. 1	Coal Center 15423
22	Trent Coal, Inc. DM	Bruce W. Trent	R. D. 1	Friedens 15541
23	Tri-C Coal Co., Inc. c	Robt. Flegle	531 N. Center Av.	Somersett 15501
4	Triangle Enterprises DM	H. Gugliottte, Jr.	Route 88	Dilliner 15327
22	Triumph Coal Co. c	H. T. Eppley	P. O. Box 518	Johnstown 15907
11	Tunnelton Coal Co. DMc	Wm. D. Weimer	R.D. 1, Box 695	Saltsburg 15681
44	Turner Coal Co., W. R. *	W. R. Turner	R.D. 2, Box 415	Philipsburg 16866
32,32A,32B	Twilight Industries *	Howard Detwiler	527 Broad Ave.	Belle Vernon 15012
38	Twin Brook Coal Co. *	Dennis Bence	R. D. 1	Marion Center 15759
34	286 Coal Co., Inc. *	Wm. Shondelmyer	101 Donnell Rd.	Lo. Burrell 15608
32A	Tyhnas Coal Co. *	Leroy Tyhnas	R. D. 1	Coal Center 15423
45A	Union Clay Co., Inc. *	R. A. Danvir		Grampian 16838
3,4,7,13	United States Steel Corp. DMc	E. L. Baker	Fayette Bk. Bldg.	Uniontown 15401
34A	U.S. Utilities Services Corp. *	James Peretto	470 Mall Circle	Monroeville 15146
21,42	Universal Minerals, Inc. @c	Tony Joseph, Jr.	P. O. Box 307	Portage 15928
44	V & C Coal Co. *	A. R. Cantolina	Box 117	Lanse 16849
15,35	Valley Coal Co., Inc. DM*#	Henry Vehovic	P. O. Box 86	Alverda 15710
36	Vantage Coal Corp. *	J. M. Hellman	Box 69	Clarion 16214
34	Vargo Coal Co., Inc. *	John A. Vargo	24 Ruth Place	Belle Vernon 15012
1,31	Veon, Inc., Ralph A. *c	Gene Whalen	P. O. Box 326	Darlington 16115
31	Vetica Construction Co. *	R. C. Vetica	509 Moringstar D.	Ellwood City 16117
33A	Villa Coal Co. *	John Rudik	410 Derrick Ave.	Uniontown 15401
20	Vinton Coal Co. DM	Steve Lonesky	Box 441	Vintondale 15961
33A	Voithofer, Edward V. Jr. *	E. V. Voithofer, Jr.	R.D.1, Box 2	Smithfield 15478
46	Vollmer, Lawrence B. *	L. B. Vollmer	Rosely Road	St. Mary's 15857
42	Vulcan Coal & Coke, Inc. @	Jack Pierce		Mineral Point 15942
35,36	W & M Coal Co. *	Ronald Weaver	R. D. 3	New Bethlehem 16242
41	W. W. Coal Co. *	Willard C. Will	R. D. 1	Central City 15926
40A	Walker, Robert H. *	R. H. Walker	R. D. 1	Garrett 15542
17,45A	Waroquier Coal Co. *c	Jos. L. Waroquier	133 W. 5th Ave.	Clearfield 16830
43	Washington Hill Coal Co. *	Harry D. Killion	R. D. 1	Coalport 16627
42	Weakland Brothers *	Paul J. Breth	205 Ross St.	Pittsburgh 15219
34,34A	Weaver, Joseph F. *	J. F. Weaver	543 Locust Val.Rd.	Greensburg 15601
37	Weaver Contracting, Inc. *	W. R. Weaver	R. D. 1	Conneaut Lake 16316
9,37	Weaver & Sons, A. P. *c	W. S. Weaver		Fryburg 16326
39A	Weimer, John *	John Weimer	M.R. 1	Saltsburg 15681
25	Weimer Coal Co. DM	Jas. A. Weimer, Jr.	R.D. 2, Box 222A	Homer City 15748
34	Weinman Brothers *	Homer Weinman	R.D. 3, Box 185	Mt. Pleasant 15666
42	Wesott Inc. *	Theodore E. Ott	Cameron St.	Carrolltown 15727
1,30,35A	West Freedom Mng. Corp. *c	Russell W. Haller	Box 169	Kittanning 16201
39A	West Lebanon Coal, Inc. *	H. E. Bartony	1008 5th Ave.	Ford City 16226
33,33A	West Penn Coal & Const. Co. *	Jefferson Rhodes		Rices Landing 15357
14	West Penn Tipple Co. c	Jack E. Sedlak	R.D. 2, Box 175	Marion Center 15759
30	Western Hickory Coal Co., Inc. *	Harry W. List	R. D. 1	Boyers 16020
32A	Westmont Coal Co., Inc. *	Wayne D. Wilson		East Millsboro 15433
36	White Coal *	Harris H. White	R.D. 3, Box 170	New Bethlehem 16242
38A	Williams Coal Co. *	R. D. Williams	R.D. 2, Box 121	Reynoldsville 15851
10	Williamson Shaft Contr. Co. %	P. R. Ferguson	P. O. Box 232	Fairmont,WVa. 26554

District	Operator	General Supt.	Address	Zip Code
1,30	Willowbrook Mining Co. *c	James Sartori	P. O. Box 191	Grove City 16127
36	Wilson, John N. *	John N. Wilson		Shippenville 16254
41	Windber High Standard Coal Co. *	F. Krise	1203 Graham Ave.	Windber 15963
37	Winger Coal Co., Inc. *	Clair E. Winger	R. D. 6	Mercer 16137
44	Winters Const. Co., Melvin *	Melvin Winters	R.D. 1, Box 621B	Osceola Mills 16666
34	Wolf Run Road Coal Co. *	Richard Gorr	5741 Pebble Creek Ct., Apt. 4406	Bethel Park 15102
39A	Woods Coal Co. @	R. D. Woods	R.D. 5, Box 334B	Indiana 15701
30	Wright, Inc., Grant R. *	Grant R. Wright	Box 380	Fombell 16123
36	Wyant Coal Co., R. E. *	R. E. Wyant	R.D. 2, Box 125	New Bethlehem 16242
31	Xecol Corp. *	J. A. Castellucci	1460 Coraopolis Hgts. Rd.	Coraopolis 15108
41	Yantus, Steve *	Steve Yantus	350 Central Ave.	Central City 15926
30,35A,36	Yates Bros. Coal Co. *	Larry Yates	P. O. Box 70	Rimersburg 16248
36	Yeane, Woodrow *	Gary E. Yeane	R. D.	Mayport 16248
40	Yellow Run Coal Co. *	Fred Seese	Box 157	Kimberton 19442
42	Yellow Run Energy Co. *	H. T. Eppley	312 Masonic Bldg.	Ebensburg 15931
38,39	Yenzi Coal Co. *	J. R. Yenzy, Jr.	Box 164	Anita 15711
34	Yough Excavating Co. *	James Everly	214 S. 3rd St.	West Newton 15089
34	Yough Fuel & Energy Co. *	James Everly	214 S. 3rd St.	West Newton 15089
9,36,37	Zacherl Coal Co., Inc. *c	Edward Loll		Lucinda 16235
34A	Zappone Construction Co. *	M. J. Zappone	104 Oakview Dr.	Ligonier 15658
32B	Zavek, Inc. *	Frank Erjavek	P. O. Box 1066	Morgantown, WVa. 26505
4	Zeni-McKinney-Williams Corp. %	E. P. Brown	P. O. Box 12405	Pittsburgh 15231
41	Zubek, Edward *	Edward Zubek	888 Main St.	Central City 15926

DIRECTORY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

Maurice K. Goddard Secretary	2nd Floor Evangelical Press Bldg.	P. O. Box 1467 Harrisburg	17120	717-787-2814
<u>OFFICE OF ENVIRONMENTAL PROTECTION</u>				
William B. Middendorf Deputy Secretary	9th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-5027
Richard M. Boardman Associate Deputy Secretary for Technical Programs	9th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-4686
Floyd O. Collins, Jr. Special Assistant to the Deputy Secretary	9th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-5186
Jack H. Viets, Chief Administrative Services	9th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-8193
Catherine Miles Statistical Supervisor Administrative Services	9th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-4876
<u>Bureau of Surface Mine Reclamation</u>				
J. Anthony Ercole Director	7th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-5103
D. R. Thompson, Chief Div. of Mine Drainage Control & Reclamation	7th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-783-8845
Donald Zutlas, Chief Div. of Licensing & Bonding	6th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-4827
Robert H. Davis, Chief Div. of Explosives	8th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-2458
Geo. R. Sterling Supervisor Inspector Anthracite Surface Mng. Sec. (Districts 50,51,52,53,54,55,56,57,58,59,60,71,62,63 & 64)	Motor Loan Services Bldg. 108 S.Claude A Lord Blvd.	Pottsville	17901	717-622-8181 Ext. 360
Nile F. Linberg Supervisor Inspector Bituminous Surface Mng. Sec. (Districts 35,35A,36,37,38,38A,43,44,45,45A,46,47,48 & 49)	Dept. of Environmental Resources	Hawk Run	16840	814-342-5399
John E. Moore Supervisor Inspector Bituminous Surface Mng. Sec. (Districts 30,31,32,32A,32B,33,33A,34,34A,39,39A,40,40A,41,42 & 65)	P. O. Box 149 122 So. Center Street The Prave Building	Ebensburg	15931	814-472-6344
Wilson Wheeler Forester	122 So. Center Street	Ebensburg	15931	814-472-6330
Donald Sandherr Electrical Inspector	402 Fleet Street	Pottsville	17901	717-622-4995
Open Pit Mine Conservation Inspectors				
Dis- trict				
30	Merle Urey	529 No. Center Avenue	Grove City	16127 412-458-8773
31	John E. Meehan, Jr.	R. D. 2	Volant	16156 412-530-2150
32	William Gray	R. D. 2, Box 201	McDonald	15057 412-221-7197
32A	William Davis	Box 58	Washington	15301 412-222-3934
32B	Timothy VanDyke	R. D. 1, Box 154C	Waynesburg	15370 412-627-7896
33	Charles A. Phillips	R. D. 1, Box 1	Markleysburg	15459 412-329-4460
33A	William Baciak	409 Broad Avenue	Belle Vernon	15012 412-929-4219

Open Pit Mine Conservation Inspectors (Continued)

Dis- trict					
34	Fred Ulishney	R. D. 3	Latrobe	15650	412-539-1729
34A	Jacob D. Leighty	R. D. 1	Derry	15627	412-694-5117
35	Bernard Snyder	R. D. 2	Kittanning	16201	814-257-8854
35A	Henry Foringer	Box 171	Boyers	16020	412-735-2297
36	Charles Speelman	Box 581	Clarion	16214	814-226-6533
36	Andrew Colberg	258 Poplar Avenue	Dayton	16222	814-257-8448
37	Virgil Ordiway	Crescent Avenue	Clarion	16214	814-226-7623
38	Edward V. Moore	R. D. 1	Smicksburg	16256	412-286-9461
38A	William L. Smith	R. D. 4	Brookville	15825	814-849-7738
39	Ronald L. McCracken	Box 116	Marion Center	15759	412-397-2782
39A					
40	Jonas Carpenter	Box 134	Friedens	15541	814-445-5608
40A	Philip Rhoads, Sr.	P. O. Box 65	Berlin	15530	814-267-5269
41	George Lokitis	P. O. Box 128	Windber	15963	814-467-6181
42	James Wise	Main Street	St. Michael	15951	814-495-4295
43	Charles Hicks	R. D.	Grampian	16838	814-236-1369
44	James W. Forcey	RFD, Box 123	Woodland	16881	814-857-7708
45	James McClure	P. O. Box 1005	Clearfield	16830	814-765-8744
45A	William J. Stiffler	328 Mt. Joy Road	Clearfield	16830	814-765-4389
46	Lawrence J. Pauly	8 Dinadan Dr., Camelot Est.	Mill Hall	17751	717-748-7982
47	Bryce Putman	511 Cricklewood Drive	State College	16801	814-234-3219
48*	H. C. Thomas	R. D. 1	Boyers	16020	412-791-2621
49	Harold Burdick	P. O. Box 696	Wellsboro	16901	717-724-3484
50	Harry Poole	333 East Church Street	Nanticoke	18634	717-735-0397
51*	Howard Murphey	117 Beverly Drive	Clarks Summit	18411	717-587-3936
52*	James Gaughan	242 Courtdale Avenue	Court Dale	18704	717-288-4833
53	William Sanders	R. D. 3, Box 421	Dalton	18414	717-563-1945
54*	Paul Serfass	313 W. Valley Forge Rd.	King of Prussia	19406	215-265-4658
55*	Robert Pizzoli	313 West Saylor Street	Atlas	17851	717-339-1169
56	George Thomas	315 East Dewart Street	Shamokin	17872	717-648-8454
57	James Leber	986 Groff Avenue	Elizabethtown	17022	717-367-2095
58	Walter Dieterle	1132 Laurelee Road	Reading	19605	215-929-1640
59	Joseph Ruane	928 N. Washington St.	Shamokin	17872	717-648-0262
60	Robert Whitmer	1332 West Fern Street	Shamokin	17872	717-648-8677
61*	Thomas Roof	Box 123	Rexmont	17085	717-272-3211
62*	Edward Wilson	242 East Evergreen St.	West Grove	19390	215-869-9480
63*	Spencer Arnold	32nd & Brisban Streets	Harrisburg	17111	717-564-5315
64*	L. Paul Louey	R. D. 1	Littlestown	17340	717-359-4920
65	Henry Shustack	R.D.5, Shamrock Trailer Court, Lot 24	Duncansville	16635	814-696-0591
	George Wingard	R. D. 1	Shippensburg	16254	814-782-3443

Bureau of Land Protection

Donald Lazarchick Director	8th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-9870
Samuel Cortis, Chief Div. of Mine Subsidence Regulation	203 S. Washington Road	McMurray	15317	412-941-7100
Eugene Shank, Chief Div. of Mine Subsidence Insurance	8th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-5385
Wm. C. Bucciarelli, Chief Div. of Solid Waste Management	8th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-7382
C. H. Updegraff, Actg. Chief & Petroleum Engineer Oil & Gas Division	State Office Bldg., Rm. 1207 300 Liberty Avenue	Pittsburgh	15222	412-565-5075

Oil and Gas Inspectors

Dis- trict					
1	Leon W. Goble	P. O. Box 469	Grove City	16127	412-458-6661
	Claude A. Olson	R. D. 1, Box 118	Kane	16735	814-837-8433
2	Howard W. Martin	321 North Eighth Street	Indiana	15701	412-463-0590
3	John A. Ifft	981 Park Avenue	Washington	15301	412-228-1942
4	William H. Heeter	R. D. 1	Rimersburg	16248	814-473-3846

* Districts having no coal production.

Oil and Gas Inspectors (Continued)

Dis-
trict

5	John H. Gerg	199 No. Barnett Street	Brookville	15825	814-849-2421
6	John H. Gerg	"	"	"	"
7	Leon W. Goble	P. O. Box 469	Grove City	16127	412-458-6661
8	Claude A. Olson	R. D. 1, Box 118	Kane	16735	814-837-8433
9	Claude A. Olson	"	"	"	"
10	Wm. J. Burns, Jr.	335 No. Barnett Street	Brookville	15825	814-849-2445
11	Richard F. Walther	630 Southview Drive	Pittsburgh	15226	412-563-3656

Bureau of Occupation Health

John W. Knauber	6th Floor	P. O. Box 2063		
Director	Fulton Nat'l Bk. Bldg.	Harrisburg	17120	717-787-6525
Phillip Zullo, Chief	6th Floor	P. O. Box 2063		
Industrial Hygiene	Fulton Nat'l Bk. Bldg.	Harrisburg	17120	717-787-9662

OFFICE OF DEEP MINE SAFETY

Walter J. Vicinelly	6th Floor	P. O. Box 2063		
Commissioner	Fulton Nat'l Bk. Bldg.	Harrisburg	17120	717-787-1376
Wm. F. Darkes	6th Floor			
Administrative Officer	Fulton Nat'l Bk. Bldg.	Harrisburg	17120	717-787-4805
James J. Shober, Jr., Director	Motor Loan Services Bldg.			
Bur. of Anthracite Deep Mine Safety	108 S. Claude A Lord Blvd.	Pottsville	17901	717-622-8181 Ext. 360
J. Earl Lamont, Director	Armbrust Professional Bldg.,			
Bur. of Bituminous Deep Mine Safety	R.D. 2, Box 603 B, Rt. 819 South	Greensburg	15601	412-925-6549

Anthracite Underground Mine Inspectors

Dis-
trict

1	Robert T. Shober	626 Harvey Street	West Hazleton	18201	717-454-0205
2	Leonard W. Rogers	837 Spruce Street	Kulpmont	17834	717-373-3942
3	C. E. Kashner	904 West Spruce Street	Shamokin	17872	717-648-3792
4	Joseph Halaburda	230 South Wylam Street	Frackville	17931	717-874-1163
5	Arthur E. Hand	317 East Main Street	Hegins	17938	717-682-3284
6	Clarence E. Miller	Wiconisco Avenue	Muir	17957	717-647-9239

Bituminous Underground Mine Inspectors

1	Jesse L. Bolen (Home)	R. D. 1, Box 527	New Salem	15468	412-246-2635
	(Office)	66 N. Gallatin Avenue	Uniontown	15401	412-439-7460
2	Jesse L. Bolen, Actg.	"	"	"	"
3	P. H. Hyatt	245 Bonar Avenue	Waynesburg	15370	412-627-8937
4	Edward C. Urbany	1525 Sixth Street	Waynesburg	15370	412-627-5531
5	Frank J. Shoaf, Jr. (Home)	524 Old Waynesburg Rd.	Carmichaels	15320	412-966-7638
	(Office)	66 No. Gallatin Avenue	Uniontown	15401	412-439-7460
6	J. J. Hunter, Actg.	1 Lentz Street,			
		Rolling Hills	Irwin	15642	412-863-0363
7	R. J. Monaghan, Actg.	R. D. 3, Box 370-E	Uniontown	15401	412-438-6385
	(Office)	66 No. Gallatin Avenue	Uniontown	15401	412-439-7460
8	J. M. Hovanic	111 Water Street	West Brownsville	15418	412-785-7707
9	Gerald F. Moody	6 West Fifth Avenue	Clearfield	16830	814-765-7723
10	Jesse L. Bolen, Actg.	R. D. 1, Box 527	New Salem	15468	412-246-2635
	(Office)	66 No. Gallatin Avenue	Uniontown	15401	412-439-7460
11	Walter Christopher	207 Maple Street	Carmichaels	15320	412-966-2259
12	J. J. Hunter	1 Lentz Street,			
		Rolling Hills	Irwin	15642	412-863-0363
13	J. M. Muchnok	3 O'Connell Avenue	Uniontown	15401	412-438-0368
14	Carl A. Utberg, Actg.	R. D. 1	Commodore	15729	412-254-4814
15	Carl A. Utberg	"	"	"	"
16	Lester D. Kimmel	1237 Washington Street	Indiana	15701	412-465-2873
17	Gerald F. Moody, Actg.	6 West Fifth Avenue	Clearfield	16830	814-765-7723
18	J. P. Boback	R. D. 1, Box 20	Sidman	15955	814-487-5796
19	William Garay	Box 354	Elmora	15737	814-948-6062

Bituminous Underground Mine Inspectors (Continued)

Dis- trict					
20	Eno Chellini	(Home)433 W. Church Avenue	Masontown	15461	412-583-2187
		(Office)66 No. Gallatin Avenue	Uniontown	15401	412-439-7460
21	E. H. Pauley	1100 Cambria Street	Portage	15946	814-736-44 27
22	Michael Phillips	P. O. Box 334	Jerome	15937	814-479-4345
23	W. L. Reynolds	Sunny Acres Mobile Park			
		R.D. 2, Lot 20, Box 145	Somerset	15501	814-445-4320
24	A. E. Valeri	R. D. 2, Box 87	Ebensburg	15931	814-472-8548
25	R. E. Fulton	(Home)9 Cedar Street	Masontown	15461	412-583-9266
		(Office)66 No. Gallatin Avenue	Uniontown	15401	412-439-7460
26	A. M. Pawlosky	R. D. 1	Hickory	15340	412-745-8177
	Raoul A. Vicinelly	14 Cedar Street	Masontown	15461	412-583-9309
		(Office)66 No. Gallatin Avenue	Uniontown	15401	412-439-7460
	Richard C. Murphy	R. D. 1, Box 99B	Hopwood	15445	412-438-1751

Anthracite Mine Electrical Inspector

William Buggy	537 East Fourth Street	Bloomsburg	17815	717-784-8994
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Anthracite Mine Rescue & First Aid Instructor

Stephen M. Matsick	617 E. Patterson Street	Lansford	18232	717-645-4256
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Anthracite Mine Air Tester

Edward G. Narcavage	326 W. Fourth Street	Mount Carmel	17851	717-339-2862
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Bituminous Mine Electrical Inspectors

Dis- tricts					
1,2,5,					
11	E. R. Shoemaker	217 Marlboro Drive	New Kensington	15068	412-335-0307
8,26	John E. Pringle	P. O. Box 55	Merrittstown	15463	412-246-2022
6,7	John F. Funka	R. D. 3	McDonald	15057	412-745-8597
4,12,					
13,23	Frank R. Jurczak	558 Waynesburg Road	Carmichaels	15320	412-966-7661
3	Stephen W. Marsinek	500 Pittsburgh Road	Uniontown	15401	412-438-6943
16,20,					
21	Gary G. Berkheimer	R. D. 2, Box 83	Ebensburg	15931	814-472-5218
19,22,					
24	Michael A. Anderson	220 Jefferson Avenue	Windber	15963	814-467-7667
9,10,					
15	Richard W. Weimer	R. D. 1, Box 314-A	Derry	15627	412-694-2804
14,17,					
18,25	Charles Fenchak	R. D. 2	Strongstown	15957	814-749-9505
	James P. Andrews, Sr.	504 E. George Street	Carmichaels	15320	412-966-5467
	William W. Stiles	R. D. 1, Box 449	Blairsville	15717	412-676-5236

Mine Safety Training Instructors

A. J. Paciga	17 Cedar Street	Masontown	15461	412-583-9452
Andrew Secosky	R. D. 2, Box 548	Uniontown	15401	412-438-3924
I. M. King	44 Brown Street	Uniontown	15401	412-438-0323

Bituminous Mine Rescue & First Aid Instructors

William P. Caffrey	512 No. Gallatin Avenue	Uniontown	15401	412-438-9218
Albert Colantoni	155 Hickory Street	Richesville	15358	412-769-5828
Carl Simon	R. D. 1, Box 54	Fredericktown	15333	412-377-4400

Mine Rescue Stations

Greensburg	Armbrust Professional Bldg.			
	R. D. 2, Box 603 B, Rt. 819 South		15601	412-925-6549
Uniontown	66 No. Gallatin Avenue		15401	412-439-7460
				412-439-7469

Mining Engineer Consultant

William M. Wheeler	66 No. Callatin Avenue	Uniontown	15401	412-439-7460
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Underground Mine Inspectors
Deep Non-Coal Mines

William M. Smith	151 Sunset Avenue	Pleasant Gap	16823	814-359-2002
John Conroy	315 Ridge Avenue	Butler	16001	412-283-1059

July 5, 1978

REPORT OF OIL AND GAS DIVISION

REPORT OF THE ACTIVITIES OF THE OIL AND GAS DIVISION

TABLE #1

SUMMARY OF ACTIVITIES

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>
1. Drilling Permits issued in Coal Areas	208	334	320	313	296	277	350	320	364	331	320	325
2. Drilling Permits Issued Coal Areas Act 359 #	-	-	-	-	-	9	34	43	24	20	51	24
3. Total Wells Coal Areas (Items 1 & 2)	208	334	320	313	296	286	384	363	388	351	371	349
4. Drilling Permits Issued in Non-Coal Areas	-	-	-	-	-	-	-	-	-	-	-	-
5. Drilling Permits Issued Non-Coal Areas Act 359 #	-	-	-	-	-	10	35	51	74	26	11	1
6. Total Permits Issued (Items 3, 4, & 5)	208	334	320	313	296	296	419	414	462	377	382	350
7. Reported Wells in Non-Coal Areas - File Numbers Issued	642*	678*	744*	495*	643*	467*	445*	532*	782*	653*	653*	660*
8. Total Wells Non-Coal Areas (Items 4, 5, & 7)	642	678	744	495	643	477	480	583	856	679	664	661
9. Total Wells Coal & Non-Coal Areas (Items 6 & 7)	850	1012	1064	808	939	763	864	946	1244	1030	1035	1010
10. Total Drilling Permits Issued Act 359 (Items 2 & 5) #	-	-	-	-	-	19	69	94	98	46	62	25
11. Drilling Canceled - Permits & Non-Coal File Numbers	-	1	21	29	281	49	8	24	27	118	82	40
12. Wells Reported Drilled	375	819	888	799	949	782	766	749	1149	968	997	943
13. Plugging Numbers Issued	95	171	176	226	245	268	269	246	372	287	564	358
14. Plugging Numbers Canceled	-	2	5	19	9	20	12	21	23	15	7	22
15. Wells Reported Plugged & Abandoned	70	130	110	181	237	243	254	204	353	267	319	566
16. Pillar Permits Issued	259	195	111	79	105	128	87	108	105	145	299	172
17. Pillar Permits Canceled	-	-	-	-	-	-	9	-	2	3	1	-

Act 359 of 1961 - Oil and Gas Conservation Law, Approved July 25, 1961. Effective Date September 25, 1961.

* Prior to September 30, 1968, Permits were not required for wells in Non-Coal Areas, except those wells coming within purview of Act 359 of 1961. Act 285, Approved July 31, 1968, Effective September 30, 1968 - requires Permits to be issued for all wells.

REPORT OF THE ACTIVITIES OF THE OIL AND GAS DIVISION

TABLE #1

SUMMARY OF ACTIVITIES

	T O T A L												
	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1956 to 1977		
1. Drilling Permits issued in Coal Areas	299	337	322	342	469	694	648	916	782	1166	9733		
2. Drilling Permits Issued Coal Areas Act 359 #	12	7	16	10	16	11	15	26	12	27	357		
3. Total Wells Coal Areas (Items 1 & 2)	311	344	338	352	485	705	663	942	794	1193	10090		
4. Drilling Permits Issued in Non-Coal Areas	297	806	914	956	1247	1522	1364	1042	1381	1510	11039		
5. Drilling Permits Issued Non-Coal Areas Act 359 #	2	4	9	12	37	61	34	23	15	51	456		
6. Total Permits Issued (Items 3, 4, & 5)	610	1154	1261	1320	1769	2288	2061	2007	2190	2754	21585		
7. Reported Wells in Non-Coal Areas - File Numbers Issued	698*	110*	27*	2*	10*	-	-	-	-	-	8241		
8. Total Wells Non-Coal Areas (Items 4, 5, & 7)	997	920	950	970	1294	1583	1398	1065	1396	1561	19736		
9. Total Wells Coal & Non-Coal Areas (Items 6 & 7)	1308	1264	1288	1322	1779	2288	2061	2007	2190	2754	29826		
10. Total Drilling Permits Issued Act 359 (Items 2 & 5) #	14	11	25	22	53	72	49	49	27	78	813		
11. Drilling Canceled - Permits & Non-Coal File Numbers	270	158	244	236	169	327	597	383	667	469	4200		
12. Wells Reported Drilled	1045	985	1009	992	1137	1368	1534	1602	1417	1642	22915		
13. Plugging Numbers Issued	1246	1851	1721	1383	1860	1681	1511	1630	1959	1300	19419		
14. Plugging Numbers Canceled	22	141	119	116	83	180	112	119	92	71	1210		
15. Wells Reported Plugged & Abandoned	485	1723	992	1573	1317	1410	1089	1284	1493	1144	15444		
16. Pillar Permits Issued	175	163	164	105	142	96	96	94	104	125	3057		
17. Pillar Permits Canceled	1	2	-	-	1	-	1	-	2	-	22		

Act 359 of 1961 - Oil and Gas Conservation Law, Approved July 25, 1961. Effective Date September 25, 1961.

* Prior to September 30, 1968, Permits were not required for wells in Non-Coal Areas, except those wells coming within purview of Act 359 of 1961.

Act 265, Approved July 31, 1968, Effective September 30, 1968 - requires Permits to be issued for all wells.

TABLE #2
SUMMARY OF ACTIVITIES BY COUNTIES
JANUARY - DECEMBER, 1977

County	Permits Issued Coal Areas	Permits Issued Non-Coal Areas	Total	Drilling Cancelled	Wells Reported Drilled	Plugging Numbers Issued	Plugging Cancelled	Wells Reported Plugged & Abandoned	Pillar Permits Issued	Pillar Permits Cancelled	DRILLING PERMITS ISSUED		Cancel
											Coal Areas	Act 359 of 1961 Non-Coal Areas	
6 Allegheny	17	10	27	1	10	4	-	2	18	-	-	-	-
11 Armstrong	77	5	82	55	55	4	-	3	35	-	-	-	-
6 Beaver	1	2	3	-	1	2	-	3	-	-	-	-	-
3 Bedford	1	1	2	-	-	7	-	-	-	-	1	-	-
2 Blair	-	1	1	-	-	-	-	-	-	-	-	-	-
6 Butler	9	6	15	-	11	4	3	10	6	-	-	-	-
2 Cambria	11	-	11	-	11	4	-	5	-	-	-	-	-
10 Cameron	-	-	-	-	1	1	-	-	-	-	-	-	-
5 Centre	1	1	2	-	-	-	-	-	-	-	1	1	-
4 Clarion	31	20	51	18	18	11	-	6	-	-	1	-	2
5 Clearfield	127	1	128	3	46	3	-	6	-	-	9	1	10
5 Clinton	-	5	5	1	-	-	-	-	-	-	-	-	3
7 Crawford	-	27	27	5	16	8	-	1	-	-	-	9	3
10 Elk	2	30	32	3	25	28	1	27	-	-	-	-	-
1 Erie	-	71	71	3	25	5	-	3	-	-	-	13	-
3 Fayette	22	1	23	-	11	2	-	1	-	-	1	-	-
4 Forest	-	402	402	67	132	23	7	9	-	-	-	4	-
3 Greene	11	-	11	2	9	10	2	2	22	-	-	-	-
2 Indiana	437	-	437	59	323	4	1	6	17	-	1	-	2
10 Jefferson	176	33	209	29	115	8	2	7	1	-	1	-	-
6 Lawrence	-	2	2	-	-	-	-	-	-	-	-	-	-
5 Luzerne	-	1	1	-	-	1	-	-	-	-	-	-	-
5 Lycoming	-	10	10	9	7	3	-	2	-	-	-	8	4
8 McKean	-	82	82	32	77	729	40	602	-	-	-	-	-
7 Mercer	-	23	23	2	10	-	-	-	-	-	-	13	2
9 Potter	-	13	13	-	9	2	-	1	-	-	-	1	-

DISTRICT

TABLE #2
SUMMARY OF ACTIVITIES BY COUNTIES
JANUARY - DECEMBER, 1977

County	Permits Issued		Total	Drilling Cancelled	Wells Reported Drilled	Plugging Numbers Issued	Plugging Cancelled	Wells Reported & Abandoned	Pillar Permits Issued	Pillar Permits Cancelled	Coal Areas		Non-Coal Areas		DRILLING PERMITS ISSUED	
	Coal Areas	Permits Issued									Total	Total	Total	Cancel	Act 359 of 1961	
2 Schuylkill	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
3 Somerset	15	-	15	3	9	7	1	6	-	-	10	-	-	10	3	3
9 Tioga	1	6	7	-	1	-	-	-	-	-	1	-	-	1	-	-
7 Venango	1	263	264	118	291	363	11	382	-	-	1	-	-	1	-	-
1 Warren	-	543	543	31	246	51	3	41	-	-	-	1	1	1	-	-
3 Washington	40	2	42	1	35	4	-	5	26	-	-	-	-	-	-	-
11 Westmoreland	213	-	213	27	146	12	-	13	-	-	-	-	-	-	-	-
TOTAL	1193	1561	2754	469	1642	1300	71	1144	125	-	27	5	78+	17	-	17

(*) Permits were not required for wells drilled in non-coal areas prior to September 30, 1968.
Act 265, approved July 31, 1968, effective September 30, 1968 - requires Permits to be issued for all wells.

(+) Included in total of 2754 Drilling Permits issued.

TABLE #3
SUMMARY BY COUNTIES
TYPE OF WELLS REPORTED DRILLED
JANUARY - DECEMBER, 1977

District	County	Total Wells Drilled	Gas	Gas & Oil	Oil	Storage	Intake	Dry	Waste Disposal	Salt Water & Others	Test
6	Allegheny	10	9	-	-	-	-	1	-	-	-
11	Armstrong	55	54	-	-	-	-	1	-	-	-
6	Beaver	1	-	-	-	-	-	1	-	-	-
6	Butler	11	6	-	4	-	-	1	-	-	-
2	Cambria	11	9	-	-	-	-	2	-	-	-
10	Cameron	1	1	-	-	-	-	-	-	-	-
4	Clarion	18	15	1	1	-	-	1	-	-	-
5	Clearfield	46	45	-	-	-	-	1	-	-	-
7	Crawford	16	9	5	1	-	-	1	-	-	-
10	Elk	25	20	2	-	1	-	2	-	-	-
1	Erie	25	24	-	-	-	-	1	-	-	-
3	Fayette	11	10	-	-	-	-	1	-	-	-
4	Forest	132	8	46	76	1	1	-	-	-	-
3	Greene	9	4	-	-	3	-	2	-	-	-
2	Indiana	323	319	-	-	-	-	4	-	-	-
10	Jefferson	115	111	-	-	3	-	1	-	-	-
5	Lycoming	7	3	-	-	-	-	4	-	-	-
8	McKean	77	7	4	60	1	4	1	-	-	-
7	Mercer	10	10	-	-	-	-	-	-	-	-
9	Potter	9	6	1	2	-	-	-	-	-	-
2	Schuylkill	2	2	-	-	-	-	-	-	-	-
3	Somerset	9	2	-	-	-	-	7	-	-	-
9	Tioga	1	-	-	-	1	-	-	-	-	-
7	Venango	291	2	1	277	-	-	11	-	-	-
1	Warren	246	-	20	219	3	3	1	-	-	-
3	Washington	35	29	-	-	2	-	4	-	-	-
11	Westmoreland	146	140	-	-	-	-	6	-	-	-
Total		1642	845	80	640	15	8	54	-	-	-

PITS AND QUARRIES

Bureau of Surface Mine Reclamation

PITS AND QUARRIES
ANNUAL REPORT 1977

COUNTY	EXPLOSIVES USED		PRODUCTION OF MINERALS - NET TONS		EMPLOYEES WORKED	DAYS WORKED	NO. FATAL ACCIDENTS	NO. NON- FATAL ACCIDENTS
	POUNDS OF BLASTING AGENTS	NUMBER OF POUNDS OF DYNAMITE	TOTAL PRODUCTION OF MINERALS					
			MINERALS					
Adams	365,004	555,474	2,895,187	360	1,122	-	12	-
Allegheny	39,650	2,550	94,146	15	235	-	--	--
Armstrong	49,150	8,900	691,282	121	1,135	-	13	-
Beaver	51,300	4,054	1,028,257	51	858	-	1	858
Bedford	477,031	208,221	601,127	109	791	-	8	-
Berks	505,232	713,251	3,933,192	248	3,172	-	11	172
Blair	392,000	235,988	1,216,848	111	1,017	-	6	-
Bradford	-	-	63,700	21	300	-	--	--
Bucks	786,976	749,468	5,384,810	225	3,421	-	3	-
Butler	2,186,691	401,422	1,986,769	182	1,529	-	3	529
Carbon	53,243	53,700	335,993	36	597	-	5	-
Centre	399,625	300,832	1,485,084	234	906	-	22	-
Chester	955,948	450,122	4,549,861	153	1,279	-	7	-
Clarion	9,450	34,550	59,629	11	171	-	--	--
Clearfield	42,580	12,052	223,794	74	890	-	2	-
Clinton	117,139	21,000	45,471	16	510	-	-	-
Columbia	87,578	-	148,426	21	535	-	-	-
Crawford	-	-	365,900	41	700	-	-	-
Cumberland	264,872	357,913	1,698,924	170	1,493	-	12	-
Dauphin	102,027	122,959	1,036,720	103	722	-	6	-
Delaware	1,008,670	5,512	2,449,172	140	428	-	2	-
Erie	-	-	521,707	11	785	-	-	-
Fayette	961,170	101,997	1,269,267	68	901	-	5	-
Forest	-	-	41,394	7	311	-	--	--
Franklin	82,225	261,914	829,594	74	949	-	4	-
Fulton	-	66,951	307,244	19	440	-	4	-
Huntingdon	207,660	149,573	1,718,434	210	996	-	16	-
Jefferson	-	-	61,945	7	520	-	-	-
Lackawanna	14,550	1,700	154,521	25	642	-	-	-
Lancaster	579,451	990,316	3,575,506	297	2,920	1	9	-

PITS AND QUARRIES
ANNUAL REPORT 1977

COUNTY	EXPLOSIVES USED		PRODUCTION OF MINERALS - NET TONS		DAYS WORKED	NO. FATAL ACCIDENTS	NO. NON- FATAL ACCIDENTS
	NUMBER OF POUNDS OF BLASTING AGENTS	NUMBER OF POUNDS OF DYNAMITE	TOTAL PRODUCTION				
			MINERALS	EMPLOYEES			
Lawrence	1,109,777	132,103	2,222,152	205	3,600	-	12
Lebanon	520,000	771,455	3,683,351	258	481	-	8
Lehigh	188,386	93,488	1,047,914	106	1,261	-	2
Luzerne	112,150	65,500	1,280,729	91	1,132	-	5
Lycoming	472,839	-	-	65	617	-	2
McKean	36,950	545	80,091	21	258	-	-
Mercer	-	-	86,808	21	342	-	-
Mifflin	87,909	76,783	288,785	38	884	-	-
Monroe	245,666	-	583,000	50	361	-	8
Montgomery	707,448	525,533	4,593,127	308	2,011	-	15
Montour	123,446	-	-	26	288	-	1
Northampton	612,156	175,739	3,796,808	701	2,874	-	32
Northumberland	181,850	85,780	802,417	58	1,262	-	-
Perry	-	13,794	197,625	11	250	-	-
Pike	-	-	351,000	24	360	-	-
Schuylkill	94,100	163,385	687,354	66	849	-	12
Snyder	54,550	54,363	140,776	23	110	-	-
Somerset	342,700	125,818	491,906	112	797	-	11
Susquehanna	-	-	10,000	-	-	-	-
Union	67,775	70,500	320,778	26	424	-	-
Venango	17,300	850	270,721	25	875	-	2
Warren	-	-	445,058	28	813	-	-
Wayne	220,275	30,258	895,930	43	542	-	2
Westmoreland	1,339,470	132,406	1,811,126	111	1,588	-	18
York	872,272	678,878	4,112,849	433	3,027	-	12
TOTAL	17,146,241	9,007,597	66,974,209	6,010	53,281	1	293

GEOLOGICAL FORMATIONS

<u>COUNTY</u>	<u>IGNEOUS DIABASE</u>	<u>METAMORPHICS</u>			<u>CLASTICS</u>		<u>CARBONATES</u>	
		<u>ARGILLITE</u>	<u>QUARTZITE</u>	<u>GNEISS</u>	<u>HORNFELS</u>	<u>SANDSTONE</u>	<u>BUILDING STONE</u>	<u>LIMESTONE</u> <u>DOLomite</u>
Adams	496,685					94,146		2,280,805
Allegheny								46,955
Armstrong						83,971		517,156
Berks	1,071,544	250,000				166,044		1,125,094 922,852
Blair			36,000					1,180,848
Bucks	846,239	2,908,037				1,090,334		500,000
Butler						113,730		1,873,039
Carbon	31,391					304,602		
Centre								
Chester						300	4,000	1,485,084
Clarion								59,629
Cumberland		20,356						1,021,803
Dauphin		1,150				218,180		450,330
Delaware				2,449,172				
Fayette								1,241,727
Franklin						266,495		563,099
Fulton								307,244
Huntingdon						1,085,837		632,597
Lackawanna		110,000				44,521		
Lancaster						105,450		3,470,056
Lawrence						473,521		1,441,554
Lebanon								3,683,351
Lehigh								732,863 315,051
Luzerne						295,513		
McKean						37,296		
Mercer						13,928		
Mifflin						44,921		241,964
Monroe		165,000						418,000
Montgomery		1,190,081		185,832				1,706,705 1,484,400
Northampton								3,253,964 31,354
Northumberland						279,665		140,000

GEOLOGICAL FORMATIONS

<u>COUNTY</u>	<u>IGNEOUS DIABASE</u>	<u>METAMORPHICS</u>			<u>CLASTICS</u>		<u>CARBONATES</u>	
		<u>ARGILLITE</u>	<u>QUARTZITE</u>	<u>GNEISS</u>	<u>HORNFELS</u>	<u>SANDSTONE</u>	<u>BUILDING STONE</u>	<u>LIMESTONE</u> <u>DOLOMITF</u>
<u>Perry</u>						197,625		
<u>Pike</u>	225,000							
<u>Schuylkill</u>		448,862				73,512		164,980
<u>Snyder</u>								140,776
<u>Somerset</u>								491,906
<u>Union</u>								275,778
<u>Venango</u>						31,664		
<u>Wayne</u>		50,000				550,000		
<u>Westmoreland</u>						585,945		1,105,758
<u>York</u>								2,918,731
<u>TOTAL</u>	<u>2,670,859</u>	<u>51,121,980</u>	<u>57,506</u>	<u>2,635,004</u>		<u>6,157,200</u>	<u>4,000</u>	<u>33,177,993</u> <u>8,673,672</u>

GEOLOGICAL FORMATIONS

<u>COUNTY</u>	<u>SAND AND GRAVEL</u>	<u>CLAY</u>	<u>SLAG</u>	<u>SLATE</u>	<u>SHALE</u>	<u>PEAT</u>
Adams					120,950	
Armstrong	629,827	19,000				
Beaver	880,135	148,122				
Berks	168,948				228,710	
Bradford	63,700					
Bucks					40,200	
Clearfield	149,700	74,094				
Clinton		45,471				
Columbia	148,426					
Crawford	365,900					
Cumberland	677,121					
Dauphin	367,060					
Erie	521,707					
Payette		27,540				
Forest	41,394					
Jefferson		28,000			33,945	
Lawrence	211,380	94,036				1,661
Luzerne	985,216					
McKean	14,410				28,385	
Mercer	72,880					
Mifflin					1,900	
Northampton	490,000			21,490		
Northumberland	307,480				75,272	
Pike	126,000					
Schuylkill						
Susquehanna	10,000					
Union					45,000	
Venango	239,057					
Warren	445,058					
Wayne	295,930					
York	103,216				127,674	
TOTAL	7,314,545	436,263		21,490	702,036	1,661

OPERATORS

1977

ADAMS COUNTY

Bethlehem Mines Corporation
Martin Tower
Bethlehem, Pennsylvania 18016

Harry T. Campbell Sons' Co.
Division of the Flintkote Co.
P.O. Box 128
Gettysburg, Pennsylvania 17325

Glen-Gery Corporation
East Canton Division
P.O. Box 1656
Canton, Ohio 44730
4-P

GAF Corporation
Industrial Products Division
Blue Ridge Summit, Penna. 17214

ALLEGHENY COUNTY

McShane Industries Inc.
1910 Cochran Road
Pittsburgh, Penna. 15220

Fleck Coal Company
4316 Campbells Run Road
Pittsburgh, Penna. 15205

ARMSTRONG COUNTY

Emlenton Limestone Co. Inc.
P.O. Box 1128
Oil City, Penna. 16301

Allegheny Sand Inc.
Benedum Trees Building
Pittsburgh, Penna. 15222

Davison Sand and Gravel Co.
3rd Avenue and 4th Street
New Kensington, Penna. 15068

Penn Dixie Industries, Inc.
R.D. #2
Cabot, Penna. 16023

Manor Minerals Inc.
265 S. Jefferson Street
Kittanning, Penna. 16201
2-P

Glacial Sand & Gravel Co.
P.O. Box 10
Kittanning, Penna. 16210

The Logan Clay Products Co.
Logan
Ohio 43138

BEAVER COUNTY

Dravo Corp. - Keystone Division
One Oliver Plaza
Pittsburgh, Penna. 15222

Shippingport Sand and Gravel Co.
Georgetown Plant
355 Fifth Avenue
Pittsburgh, Penna. 15222

Darlington Brick and Clay Prod. Co.
Darlington, Penna. 16115

BEDFORD COUNTY

New Enterprise Stone and Lime Co.
New Enterprise, Penna. 16655
3-P

Feight Brothers
R.D. #2
Everett, Penna. 15537

BERKS COUNTY

Pottstown Trap Rock Quarries Inc.
#1 Quarry Road
Douglassville, Penna. 19518

The General Crushed Stone Co.
P.O. Box 231
Easton, Penna. 18042

The John T. Dyer Quarry Co.
Subsidiary of Warner Co.
P.O. Box 188, R.D. #3
Birdsboro, Penna. 19508

Huron/Allentown Cement Div.
of National Gypsum Company
Evansville, Penna. 19521
4-P

BERKS COUNTY CONTINUED

C.D. Winters
Box 239
Kutztown, Penna. 19530

Berks Silica Sand Corp.
2001 State Road
Camp Hill, Penna. 17011

E. J. Breneman, Inc.
P.O. Box 478
Pottstown, Penna. 19464

Martin Stone Quarries, Inc.
P.O. Box 157
Bechtelsville, Penna. 19505

Glen-Gery Corp.
East Canton Division
P.O. Box 1656
Canton, Ohio 44730
3-P

Charles S. Gabel, Inc.
217 N. Franklin St.
Boyetown, Penna. 19512

BLAIR COUNTY

Jesse L. Hartman & Anna M. Good
Trust Building
Hollidaysburg, Penna. 16648

New Enterprise Stone & Lime Co.
New Enterprise, Penna. 16664
2-P

Narehood Bros. Inc.
Jones Bldg.
Tyrone, Penna. 16686

BRADFORD COUNTY

Wysox Sand and Gravel Inc.
Box 128
Wysox, Penna. 18854

Wrisley Excavating
R.D. #2, Box 132
Troy, Penna. 16947

BUCKS COUNTY

Edison Quarry
R.D. #3
Doylestown, Penna. 18901

M & M Stone Co.
P.O. Box 189
Telford, Penna. 18969

H & K Materials Inc.
Box 1
Chalfont, Penna. 18914

Eureka Stone Quarry, Inc.
Lower St. Road
Chalfont, Penna. 18914
4-P

Bucks County Crushed Stone Inc.
2301 Fifth Street
Perkasie, Penna. 18943

Better Materials Corp.
Penns Park, Penna. 18943

Miller Quarries
Division of Miller
1371 W. Street Road
Warminster, Penna. 18974

The General Crushed Stone Co.
P.O. Box 231
Easton, Penna. 18942

Colony Materials
P.O. Box 135
Point Pleasant, Penna. 18950

Warner Company
1721 Arch Street
Philadelphia, Penna. 19103
2-P

New Hope Crushed Stone & Lime Co.
Phillips Mill Road
New Hope, Penna. 18938

American Olean Tile Co. Inc.
Lewisport, Kentucky 42351

BUTLER COUNTY

Sechan Limestone Industries, Inc.
R.D. #1
Portersville, Penna. 16051
2-P

Allegheny Mineral Corp.
P.O. Box 10
Kittanning, Penna. 16201
2-P

Penn Dixie Industries Inc.
Box 152
Nazareth, Penna. 18064
2-P

Cooper Bros.
R.D. #2
Slippery Rock, Penna. 16057

H. W. Cooper
R.D. #2
Slippery Rock, Penna. 16057

Emlenton Limestone Co., Inc.
P.O. Box 1128
Oil City, Penna. 16301

CARBON COUNTY

Aggregates, Inc.
P.O. Box 161
Palmerton, Penna. 18071

Alliance Sand Company
R.D. #1, Box 73E
Palmerton, Penna. 18071

Refractory Sand Co., Inc.
Ringtown, Penna. 17967

Huss Contracting
Ringtown, Penna. 17967

CENTRE COUNTY

Herbert R. Imbt, Inc.
P.O. Box 155
State College, Penna. 16801

Martin Marietta Aggregates
Southeast Division
P.O. Box 30013
Raleigh, N.C. 27612

Warner Company
Bellefonte, Penna. 16823

Neidigh Bros. Limestone Co., Inc.
813 W. Beaver Avenue
State College, Penna. 16801

CHESTER COUNTY

Martin Marietta Corp.
66 Long Clove Road
Congers, New York 10920

Albert Rotunno
48 Oakland Avenue
West Grove, Penna. 19390

Caln Building Stone Corp.
R.D. #1
Zion Grove, Penna. 17985

Warner Company
1721 Arch Street
Philadelphia, Penna. 19103

The General Crushed Stone Co.
P.O. Box 231
Easton, Penna. 18042

CLARION COUNTY

Allegheny Mineral Corp.
P.O. Box 10
Kittanning, Penna. 16201

Glacial Sand and Gravel Co.
P.O. Box 10
Kittanning, Penna. 16201

CLEARFIELD COUNTY

North American Refractories
Research Center
Curwensville, Penna. 16833

Emlenton Limestone Co.
P.O. Box 1128
Oil City, Penna. 16301

Crescent Brick Company, Inc.
P.O. Box 1110
Clearfield, Penna. 16830

CLEARFIELD COUNTY CONTINUED

Harbison Walker Refractories Co.
Mineral Springs, Penna. 16855
7-P

CLINTON COUNTY

Lycoming Silica Sand Co.
420 Broad Street
Montoursville, Penna. 17754

Mill Hall Clay Products, Inc.
44 Market Street
Mill Hall, Penna. 16854

Faylor-Middlecreek Inc.
P.O. Box 44
Winfield, Penna. 17889

Harbison Walker Refractories Co.
Mineral Springs, Penna. 16855

COLUMBIA COUNTY

Bloomsburg Sand and Gravel Co., Inc.
R.D. #2
Bloomsburg, Penna. 17815
2-P

Lycoming Silica Sand Co.
420 Broad Street
Montoursville, Penna. 17754

CRAWFORD COUNTY

Virgil Foust
R.D. #1
Conneaut Lake, Penna. 16316

Wood and Barco
Box 905, R.D. #3
Conneaut Lake, Penna. 16316
3-P

Conneaut Lake Sand & Gravel Inc.
Box 93
Slippery Rock, Penna. 16057

Emlenton Limestone Company
P.O. Box 1128
Oil City, Penna. 16301
2-P

W. L. Dunn Construction Co.
Adams Street
Cochranon, Penna. 16314

CUMBERLAND COUNTY

Locust Point Quarries, Inc.
P.O. Box 1280
Mechanicsburg, Penna. 17055

Valley Quarries, Inc.
R.D. #8
Chambersburg, Penna. 17201

Pennsy Supply, Inc.
1001 Paxton Street
Harrisburg, Penna. 17105
2-P

Union Quarries, Inc.
Bonny Brook Quarries, Inc.
P.O. Box 686
Carlisle, Penna. 17013

Hempt Bros. Inc.
205 Creek Road
Camp Hill, Penna. 17011
4-P

DAUPHIN COUNTY

Hempt Bros. Inc.
205 Creek Road
Camp Hill, Penna. 17011

Faylor-Middlecreek, Inc.
P.O. Box 44
Winfield, Penna. 17889

Blue Mountain Building Stone
Route 2, Box 858
Annville, Penna. 17003

Pennsy Supply Inc.
1001 Paxton Street
Harrisburg, Penna. 17105
2-P

DELAWARE COUNTY

The General Crushed Stone Co.
P.O. Box 231
Easton, Penna. 18042

ERIE COUNTY

Union City Sand and Gravel Inc.
Box 168
Union City, Penna. 16438

Hoover Sand and Gravel Co.
R.D. #1
Troupe Road
Harbor Creek, Penna. 16421

Ganzer Sand and Gravel
2412 Saltsman Road
Erie, Penna. 16510

FAYETTE COUNTY

Commercial Stone Co. Inc.
P.O. Box 208
Belle Vernon, Penna. 15012

Kaiser Refractories
P.O. Box 60
Frostburg, Maryland 21532

Harbison Walker Refractories
Mineral Springs, Penna. 16855

Martin Marietta Aggregates
P.O. Box 1075
Uniontown, Penna. 15401

Martin Marietta Aggregates
Route 1
Lake Lynn, Penna. 15451

FOREST COUNTY

Jack J. Kuntz
East Hickory, Penna. 16321

Tionesta Sand and Gravel
Box 208
Hawthorn, Penna. 16230

FRANKLIN COUNTY

Martin Marietta Aggregates
P.O. Box 51
Camp Hill, Penna. 17011

Valley Quarries, Inc.
R.D. #8
Chambersburg, Penna. 17201

New Enterprise Stone & Lime Co.
New Enterprise, Penna. 16664

Mt. Cydonia Sand
Division of Valley Quarries
R.D. #1
Fayetteville, Penna. 17222
2-P

FULTON COUNTY

H. B. Mellott, Estate
328 North Second Street
McConnellsburg, Penna. 17233
3-P

HUNTINGDON COUNTY

New Enterprise Stone & Lime Co.
New Enterprise, Penna. 16664
3-P

Warner Company
1721 Arch Street
Philadelphia, Penna. 19103

Penna. Glass Sand Corp.
Berkeley Springs, West Virginia
25411

INDIANA COUNTY

Eidemiller Enterprises Inc.
R.D. #8
Greensburg, Penna. 15601

JEFFERSON COUNTY

David P. Glenn
Box 77
Corsica, Penna. 15829

The Brockway Clay Co.
Brockway, Penna. 15824

Mervin J. Adams
R.D. #4, Box 113
Punxsutawney, Penna. 15767

LACKAWANNA COUNTY

Jackson Crushed Stone Co. Inc.
729 Lincoln Street
Dickson City, Penna. 18519

Godino's West Mountain Stone Quarry
444 St. Cabrini Avenue
Scranton, Penna. 18501

Eureka Stone Quarry Inc.
Lower St. Road
Chalfont, Penna. 18914

LANCASTER COUNTY

D. M. Stoltzfus & Son, Inc.
Talmage, Penna. 17580
2-P

Binkley & Ober, Inc.
East Petersburg, Penna. 17521

A. G. Kurtz & Sons, Inc.
R.D. #3
Denver, Penna. 17517

The Blue Ball Stone Company
Blue Ball, Penna. 17506

David M. Burkholder Inc.
R.D. #3
Ephrata, Penna. 17522

Lancaster Lime & Stone Corp.
330 Pointview Avenue
Ephrata, Penna. 17522

Rohrer's Quarry, Inc.
R.D. #3
Lititz, Penna. 17543

J. Miller Eshleman & Son Inc.
Box 295
Landisville, Penna. 17538

H. R. Miller Co., Inc.
1756 Wabank Road
Lancaster, Penna. 17603

Compass Quarries, Inc.
P.O. Box 2221
Harrisburg, Penna. 17105
3-P

James R. Bunting
1340 Loop Road
Lancaster, Penna. 17603

Union Quarries, Inc.
P.O. Box 686
Carlisle, Penna. 17013

Milton Grove Sand, Inc.
East Petersburg, Penna. 17520

LAWRENCE COUNTY

Mahoning Valley Sand Company
P.O. Box 1236
New Castle, Penna. 16102
3-P

Medusa Cement Co.
Box 37
Wampum, Penna. 16157
2-P

Vanport Stone Co. Inc.
P.O. Box 144
Edinburg, Penna. 16116
2-P

Vanport Sand and Gravel Inc.
P.O. Box 144
Edinburg, Penna. 16116

New Castle Lime & Stone Co.
R.D. #1
Edinburg, Penna. 16116

Jack M. Randall
R.D. #3, Box 325
New Castle, Penna. 16105

H. W. Cooper Sons
Taylor Run Plant
R.D. #2
Slippery Rock, Penna. 16057

Joseph DePola
1 E. Sheridan Avenue
New Castle, Penna. 16105

McQuiston Coal Co.
120 E. Maitland Lane
New Castle, Penna. 16105

LAWRENCE COUNTY CONTINUED

Ambrosia Coal & Construction Co.
R.D. #1
Edinburg, Penna. 16116

Ralph A. Veon, Inc.
Box 326
Darlington, Penna. 16115
5-P

D. M. Boyd Co.
226 Francis Street
Volant, Penna. 16156

Angelo Medure
P.O. Box 1236
New Castle, Penna. 16105
3-P

LEBANON COUNTY

Bethlehem Mines Corporation
Bethlehem, Penna. 18016

Calcite Quarry Corporation
P.O. Box 629, R.D. #1
Lebanon, Penna. 17042

LEHIGH COUNTY

The Whitehall Cement Mfg. Co.
5160 Main Street
Whitehall, Penna. 18052
2-P

Roy J. Kern
2575 Main Street
Schnecksville, Penna. 18078

Lehigh Stone Company
R #1
Coplay, Penna. 18037

Coplay Cement Mfg. Co.
Nazareth, Penna. 18064

Penn Big Bed Slate Co.
P.O. Box 184
Slatington, Penna. 18080

LUZERNE COUNTY

American Asphalt Paving Company
Box 95, R.D. #5
Shavertown, Penna. 18708

Honey Hole Sand and Stone
P.O. Box 40
Hazleton, Penna. 18201

Hunlock Sand and Gravel Co.
R.D. #1, Box 275A
Hunlock Creek, Penna. 18621

Airport Sand and Gravel Co.
500 Swetland Lane
Wyoming, Penna. 18644

J. A. and W. A. Hess Inc.
P.O. Box 645
Hazleton, Penna. 18201

A. Barletta and Sons
P.O. Box 40
Hazleton, Penna. 18201

LYCOMING COUNTY

Lycoming Silica Sand Co.
420 Broad Street
Montoursville, Penna. 17754
3-P

Faylor-Middlecreek
P.O. Box 44
Winfield, Penna. 17889

MCKEAN COUNTY

Hanley Company
12 Hanley Drive
Lewis Run, Penna. 16738

Emlenton Limestone Co.
P.O. Box 1128
Oil City, Penna. 16301

John Morgan Sack II
Box 640
Kane, Penna. 16735

MERCER COUNTY

White Rock Silica Sand Co.
P.O. Box 391
Greenville, Pennsylvania 16125

Alvin Taylor
Box 661
Sharon, Penna. 16146

MIFFLIN COUNTY

C. J. Peachey
R #1
Belleville, Penna. 17004

Faylor-Middlecreek, Inc.
P.O. Box 44
Winfield, Penna. 17889
3-P

Derry Limestone Co. Inc.
R.D. #1, Box 24-A
Lewistown, Penna. 17044

MONROE COUNTY

Herbert R. Imbt, Inc.
P.O. Box 155
State College, Penna. 16801

Eureka Stone Quarry Inc.
Lower State Road
Chalfont, Penna. 18914

MONTOUR COUNTY

Lycoming Silica Sand Company
420 Broad Street
Montoursville, Penna. 17754

MONTGOMERY COUNTY

Glasgow, Inc.
Glenside, Penna. 19038
2-P

Mignatti Construction Co.
2310 Terwood Drive
Huntingdon Valley, Penna. 19006
2-P

Gill Quarries, Inc.
Box 187
Fairview Village, Penna. 19434
2-P

Pottstown Trap Rock Quarries
1 Quarry Road
Douglassville, Penna. 19518
2-P

G. & W.H. Corson, Inc.
Plymouth Meeting, Penna. 19462

M & M Stone Co.
P.O. Box 189
Telford, Penna. 18969

Montgomery Stone Quarry
Upper State Road
Montgomeryville, Penna. 18936

NORTHAMPTON COUNTY

Lone Star Industries, Inc.
162 Old Mill Road
West Nyack, New York 10994

Doney Slate Company
R.D. #1
Pen Argyl, Penna. 18072

Hercules Cement Company
Bethlehem, Penna. 18018

Universal Atlas Cement
600 Grant Street
Pittsburgh, Penna. 15222

Penn Dixie Industries, Inc.
Box 152
Nazareth, Penna. 18064

Coplay Cement Mfg. Co.
Nazareth, Penna. 18064

Keystone Portland Cement Co.
Bath, Penna. 18014
2-P

Alpha Aggregates
15 S. 3rd Street
Easton, Penna. 18042

Anthony Dally & Sons, Inc.
Pen Argyl, Penna. 18072

Albion Vein Slate Company, Inc.
Box 67
Bangor, Penna.

NORTHAMPTON COUNTY CONTINUED

Diamond Slate Company
R.D. #1
West Pen Argyl, Penna. 18072

NORTHUMBERLAND COUNTY

Central Builders Supply Co.
P.O. Box 152
Sunbury, Penna. 17801

Glen Gery Corp.
227 North 5th Street
Reading, Penna. 19605

Watsontown Brick Company
Box 68
Watsontown, Penna. 17777

Faylor Middlecreek Inc.
P.O. Box 44
Winfield, Penna. 17889
2-P

Bear Gap Stone, Inc.
R.D. #1
Elysburg, Penna. 17824

Meckley's Limestone Prod. Inc.
R.D. #1
Herdon, Penna. 17830

PERRY COUNTY

Four Forty One Corp.
1001 Paxton Street
Harrisburg, Penna. 17105

PIKE COUNTY

Pike County Sand and Gravel
100 4th Street
Honesdale, Penna. 18431

Eureka Stone Quarry
Lower St. Road
Chalfont, Penna. 18914

SCHUYLKILL COUNTY

Refractory Sand Co. Inc.
Ringtown, Penna. 17967

Alstate Schuylkill Co.
P.O. Box 95
Cressona, Penna. 17929

Summit Quarries, Inc.
P.O. Box 84
Summit Station, Penna. 17979

Huss Contracting Co.
Ringtown, Penna. 17967

SNYDER COUNTY

National Limestone Quarry, Inc.
Box 397
Middleburg, Penna. 17842

SOMERSET COUNTY

New Enterprise Stone & Lime Co.
New Enterprise, Penna. 16664
2-P

Keystone Lime Co.
Springs, Penna. 15562

General Refractories Co.
Room 3000
600 Grant Street
Pittsburgh, Penna. 15222

SUSQUEHANNA COUNTY

Kirk S. Hinkley
7 Susquehanna Avenue
Hallstead, Penna. 18822

UNION COUNTY

Glen Gery Corporation
227 North 5th Street
Reading, Penna. 19605

Faylor-Middlecreek Inc.
P.O. Box 44
Winfield, Penna. 17889
2-P

VENANGO COUNTY

Emlenton Limestone Co., Inc.
P.O. Box 1128
Oil City, Penna. 16301
2-P

VENANGO COUNTY CONTINUED

Pennsylvania Glass Sand Corp.
Berkeley Springs, West Virginia 25411

Vincent Excavating and Gravel
R.D. #3
Franklin, Penna. 16323

Tionesta Sand and Gravel Inc.
Box 208
Hawthorn, Penna. 16230

B. Jean Strawbridge
R.D. #2
Titusville, Penna. 16354

Wood and Barco
R.D. #3, Box 906
Conneaut Lake, Penna. 16316

WARREN COUNTY

Emlenton Limestone Co.
P.O. Box 1128
Oil City, Penna. 16301
3-P

Shermac Company
Box 208
Hawthorn, Penna. 16230

Brokenstraw Gravel Company
Box 77
Pittsfield, Penna. 16340

Tionesta Sand and Gravel, Inc.
Box 208
Hawthorn, Penna. 16230

WAYNE COUNTY

Eureka Stone Quarry Inc.
Lower St. Road
Chalfont, Penna. 18914

Wayne Crushed Stone Inc.
3100 N. Main Avenue
Scranton, Penna. 18508

Keystone Pavement & Const. Co.
Lake Ariel, Penna. 18436

George F. Edwards
Box 174
Elmhurst, Penna. 18416

WESTMORELAND COUNTY

Eidemiller Enterprises Inc.
R.D. #8, Box 99
Greensburg, Penna. 15601
2-P

Commercial Stone Co.
P.O. Box 208
Belle Vernon, Penna. 15012

Penn Aggregates
R.D. #1
Irwin, Penna. 15642

Paul Kendi & Sons, Inc.
R.D. #3
Mt. Pleasant, Penna. 15666

M. Carl Hoover
R.D. #4, Box 165
Greensburg, Penna. 15601

Warner Company
P.O. Box 173
Blairsville, Penna. 15717

YORK COUNTY

York Stone & Supply Company
Roosevelt Ave. & Fahs Street
P.O. Box 1948
York, Penna. 17405
2-P

Thomasville Stone & Lime Co.
Box #23
Thomasville, Penna. 17364

Codorus Stone & Supply Co.
R.D. #5
York, Penna. 17402

The J.E. Baker Company
Box 1189
York, Penna. 17405

YORK COUNTY CONTINUED

White Pigment Corporation
61 Main Street
Proctor, Vermont 05765

Kline's Quarry Inc.
Box 130
Wrightsville, Penna. 17368

Glen-Gery Corporation
227 North 5th Street
Reading, Penna. 19605
2-P

Pennsy Supply Inc.
1001 Paxton Street
Harrisburg, Penna. 17105

Gold Bond Building Products
Div. of National Gypsum Co.
P.O. Box 1826
York, Penna. 17405

Medusa Cement Company
P.O. Box 5668
Cleveland, Ohio 44101

National Gypsum Company
325 Delaware Avenue
Buffalo, New York 14202

